

# HIGH SCHOOL COURSE DESCRIPTION HANDBOOK



**Arlington**  
INDEPENDENT SCHOOL DISTRICT  
*More Than a Remarkable Education*

2021  
2022



ARLINGTON COLLEGE  
AND CAREER HS



ARLINGTON  
COLLEGIATE HS



ARLINGTON HS



BOWIE HS



LAMAR HS



MARTIN HS



SAM HOUSTON HS



SEGUIN HS





## **NON-DISCRIMINATION STATEMENT**

The Arlington School District does not discriminate on the basis of race, color, age, gender, national origin, religion or disability in education programs, admissions/enrollment decisions or activities which it operates, as required by Title II, Title VI, Title IX, and Section 504.

## **CONFIDENTIALITY STATEMENT**

The Arlington Independent School District, in accordance with the Family Educational Rights and Privacy Act ("FERPA") restricts access to protected student records as required by law. Directory information on students will be released upon request without a parent's consent, unless the parent elects in writing to restrict directory information. The form on which parents can indicate their election is sent home each year.

## **STRUCTURAL PEST CONTROL**

Schools periodically apply pesticides. Information concerning these applications may be obtained by contacting the building principals.



## **OPTIONS AND REQUIREMENTS FOR PROVIDING ASSISTANCE TO STUDENTS WHO HAVE LEARNING DIFFICULTIES OR WHO NEED OR MAY NEED SPECIAL EDUCATION**

If a child is experiencing learning difficulties, the parent may contact the person listed below to learn about the district's overall general education referral or screening system for support services. This system links students to a variety of support options, including referral for a special education evaluation. Students having difficulty in the regular classroom should be considered for tutorial, compensatory, and other support services that are available to all students.

At any time, a parent is entitled to request an evaluation for special education services. Within a reasonable amount of time, the district must decide if the evaluation is needed. If evaluation is needed, the parent will be notified and asked to provide consent for the evaluation. The district must complete the evaluation and the report within 45 calendar days of the date the district receives the written consent. The district must give a copy of the report to the parent.

If the district determines that the evaluation is not needed, the district will provide the parent with a written notice that explains why the child will not be evaluated. This written notice will include a statement that informs the parent of their rights if they disagree with the district. Additionally, the notice must inform the parent how to obtain a copy of the Notice of Procedural Safeguards - Rights of Parents of Students with Disabilities. The designated person to contact regarding options for a child experiencing learning difficulties or a referral for evaluation for special education is:

**Contact School Counselor  
Or Special Education Services Office 682-867-7690**





January 2021

Dear Parents and Students,

In Arlington ISD we have one goal- that 100% of our students graduate exceptionally prepared for college, career and citizenship. We believe that we can make that possible by providing our learners with rigorous and innovative learning experiences that are highly relevant and deeply connected to the world around us. Each of our students has aspirations and dreams. We strive to help our students acquire the skills and experiences needed to realize those dreams, whatever they may be.

As with each school year, Arlington ISD offers a wide variety of courses designed to tap into our learners' varied interests as well as meet graduation requirements. Students are required to complete the Foundation High School Plan. The information provided in this handbook will assist parents and students in understanding the state's graduation requirements and the courses and program offerings available to meet these requirements.

We are here to assist and guide you along the way. Our intent is to make the registration process as easy as possible. I invite you to work closely with your school counselor as you select courses to ensure that you are on track to graduate and reach your additional personal goals in preparation for life after high school.

If you have any questions regarding course offerings, graduation requirements or scheduling, please don't hesitate to reach out to your school's counseling office. We are here to serve.

Steven L. Wurtz, Ed.D.  
Chief Academic Officer

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# HIGH SCHOOLS

CAMPUS	PRINCIPAL	ADDRESS	TELEPHONE
<b>ARLINGTON COLLEGE AND CAREER HIGH SCHOOL</b>	Dr. Ben Bholan	4900 W. Arkansas Ln. Arlington, TX 76016	(817) 515-3550
<b>ARLINGTON COLLEGIATE HIGH SCHOOL AT TCC-SE</b>	Jeff Krieger	2224 Southeast Pkwy. Arlington, TX 76018	(817) 515-3550
<b>ARLINGTON HIGH SCHOOL</b>	Dr. Shahveer Dhalla	818 W. Park Row Arlington, TX 76013	(682) 867-8100
<b>ARLINGTON ISD AGRICULTURE SCIENCE CENTER</b>	Ginger Polster	2212 Michigan Ave. Dalworthington Gardens, TX 76013	(682) 867-9528 (682)867-9529
<b>ARLINGTON ISD DAN DIPERT CAREER &amp; TECHNICAL CENTER</b>	Ginger Polster	2101 Browning Dr. Arlington, TX 76010	(682) 867-9500
<b>CENTER FOR VISUAL AND PERFORMING ARTS</b>	Dean of Instruction Cathy Isaacks	900 E. Sanford Arlington, TX 76011	cisaacks@aisd.net
<b>BOWIE HIGH SCHOOL</b>	Reny Lizardo	2101 Highbank Dr. Arlington, TX 76018	(682) 867-4400
<b>LAMAR HIGH SCHOOL</b>	Andrew Hagman	1400 Lamar Blvd W. Arlington, TX 76012	(682) 867-8300
<b>MARTIN HIGH SCHOOL</b>	Marlene Roddy	4501 W. Pleasant Ridge Arlington, TX 76016	(682) 867-8600
<b>NEWCOMER CENTER</b>	Greg Meeks	600 S. E. Green Oaks Blvd. Arlington, TX 76018	(682) 867-7100
<b>SAM HOUSTON HIGH SCHOOL</b>	Juan Villareal	2000 Sam Houston Dr. Arlington, TX 76014	(682) 867-8200
<b>SEGUIN HIGH SCHOOL</b>	Ray Borden	7001 Silo Rd. Arlington, TX 76002	(682) 867-6700
<b>TURNING POINT SECONDARY SCHOOL</b>	Jeanne Muldrew	2209 N. Davis Dr. Arlington, Texas 76012	(682) 867-3000
<b>VENTURE HIGH SCHOOL</b>	Greg Meeks	600 S. E. Green Oaks Blvd. Arlington, TX 76018	(682) 867-6400

## JUNIOR HIGH SCHOOLS

CAMPUS	PRINCIPAL	ADDRESS	TELEPHONE
<b>BAILEY JR. HIGH</b>	Jason Davis	2411 Winewood Ln. Arlington, TX	(682) 867-0700
<b>BARNETT JUNIOR HIGH</b>	Stephanie Hawthorne	2101 Sublett Rd. Arlington, TX 76018	(682) 867-5000
<b>BOLES JUNIOR HIGH</b>	Dr. Angela Smith	3900 SW Green Oaks Blvd. Arlington, TX 76017	(682) 867-8000
<b>CARTER JUNIOR HIGH</b>	Claudia Morales-Herrera	701 Tharp St. Arlington, TX 76010	(682) 867-1700
<b>GUNN JUNIOR HIGH</b>	Dr. Matt Varnell	3000 S. Fielder Rd. Arlington, TX 76015	(682) 867-5400
<b>NICHOLS JUNIOR HIGH</b>	Catherine Claiborne	2201 Ascension Blvd. Arlington, TX 76006	(682) 867-2600
<b>OUSLEY JUNIOR HIGH</b>	Grayson Toperzer	950 S.E Parkway Arlington, TX 76018	(682) 867-5700
<b>SHACKELFORD JUNIOR HIGH</b>	Kelli Smith	2000 N. Fielder Rd. Arlington, TX 76012	(682) 867-3600
<b>WORKMAN JUNIOR HIGH</b>	Jacquelyn McClendon	701 E. Arbrook Blvd. Arlington, TX 76014	(682) 867-1200
<b>YOUNG JUNIOR HIGH</b>	Stacie Humbles	3200 Woodside Dr. Arlington, TX 76016	(682) 867-3400

The background of the image is a stack of books, with the pages of the books visible on the right side. The books are stacked vertically, and the pages are a light color, possibly white or cream. The stack is set against a dark, almost black background. A blue banner is positioned horizontally across the middle of the image, partially overlapping the books. The text "GRADUATION REQUIREMENTS & PROGRAMS" is written in white, bold, sans-serif capital letters on the banner. The text is arranged in three lines: "GRADUATION" on the first line, "REQUIREMENTS &" on the second line, and "PROGRAMS" on the third line. The ampersand is slightly smaller than the other letters. The overall composition is clean and professional, suggesting an educational or academic context.

# GRADUATION REQUIREMENTS & PROGRAMS



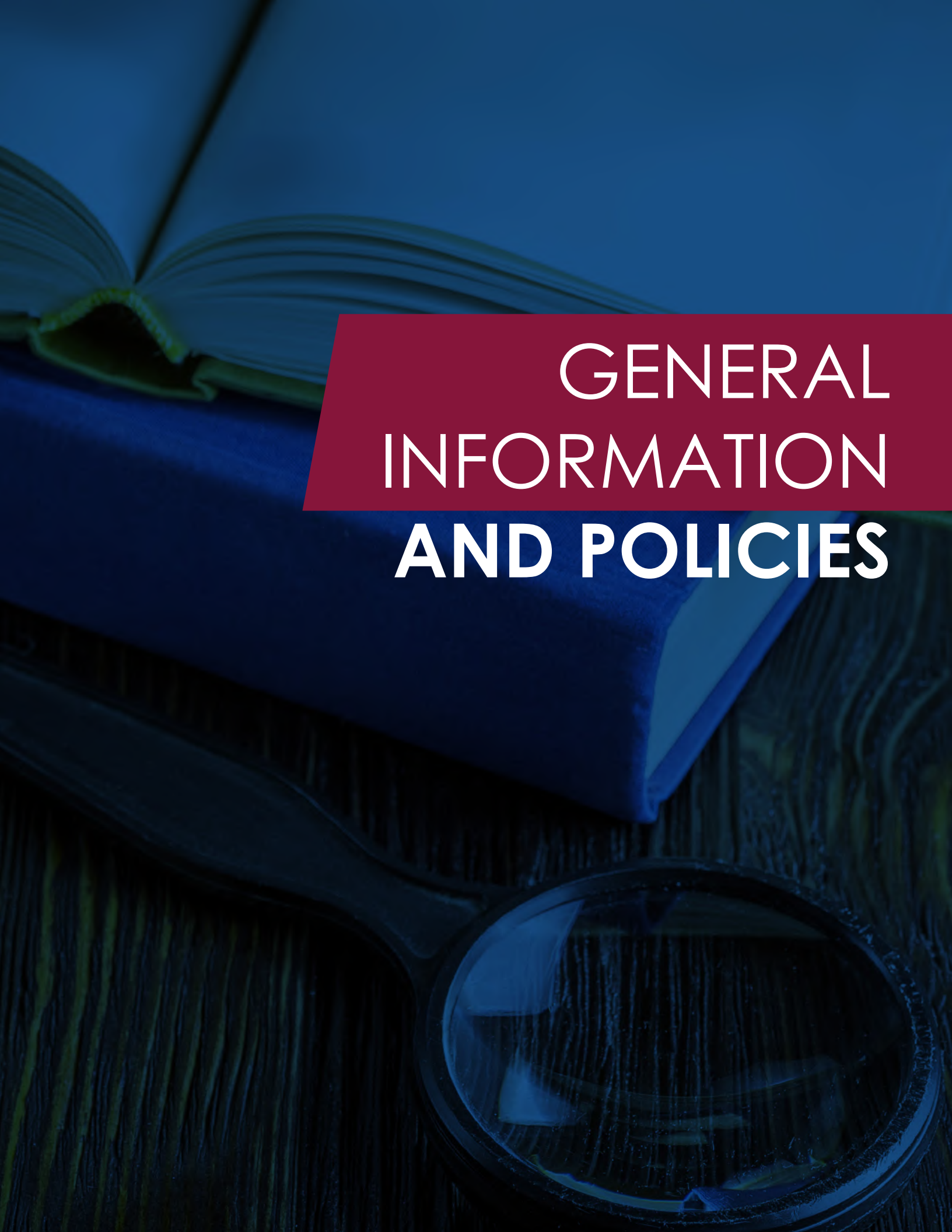
# Foundation High School Program (FHSP)

## State of Texas and AISD Options for High School Graduation Requirements

Requirements listed are for students entering 9th grade in 2014-2015, Cohort 2018, and thereafter.

Foundation High School Program Distinguished Level of Achievement		Foundation with Endorsement Arlington ISD Graduation Standard		Foundation No Endorsement	
26 Credits		26 Credits		22 Credits	
English (4 Credits)	<ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV (recommended) or an authorized advanced English course.</li> </ul>	English (4 Credits)	<ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV (recommended) or an authorized advanced English course.</li> </ul>	English (4 Credits)	<ul style="list-style-type: none"> <li>English I</li> <li>English II</li> <li>English III</li> <li>English IV (recommended) or an authorized advanced English course.</li> </ul>
Mathematics (4 Credits)	<ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Additional credit in any authorized advanced math course.</li> </ul>	Mathematics (4 Credits)	<ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Two authorized credits in an advanced math course.</li> </ul>	Mathematics (3 Credits)	<ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>One authorized credit in an advanced math course.</li> </ul>
Science (4 Credits)	<ul style="list-style-type: none"> <li>Biology</li> <li>IPC, Chemistry or Physics</li> <li>Two authorized credits in an advanced science course.</li> </ul>	Science (4 Credits)	<ul style="list-style-type: none"> <li>Biology</li> <li>IPC, Chemistry or Physics</li> <li>Two authorized credits in an advanced science course.</li> </ul>	Science (3 Credits)	<ul style="list-style-type: none"> <li>Biology</li> <li>IPC, Chemistry or Physics</li> <li>One authorized credit in an advanced science course.</li> </ul>
Social Studies (3 Credits)	<ul style="list-style-type: none"> <li>U.S. History</li> <li>Government (.5)</li> <li>Economics (.5)</li> <li>World History or World Geography</li> </ul>	Social Studies (3 Credits)	<ul style="list-style-type: none"> <li>U.S. History</li> <li>Government (.5)</li> <li>Economics (.5)</li> <li>World History or World Geography</li> </ul>	Social Studies (3 Credits)	<ul style="list-style-type: none"> <li>U.S. History</li> <li>Government (.5)</li> <li>Economics (.5)</li> <li>World History or World Geography</li> </ul>
Foreign Language (2 Credits) Two levels in the same language or Computer Science I & II.		Foreign Language (2 Credits) Two levels in the same language or Computer Science I & II.		Foreign Language (2 Credits) Two levels in the same language or Computer Science I & II.	
Physical Education (1 Credit)		Physical Education (1 Credit)		Physical Education (1 Credit)	
Fine Arts (1 Credit)		Fine Arts (1 Credit)		Fine Arts (1 Credit)	
Electives (7 Credits) Credit requirements specific to at least one endorsement.		Electives (7 Credits) Credit requirements specific to at least one endorsement.		Electives (5 Credits)	
Distinguished Level of Achievement	Endorsements		Performance Acknowledgements		
Distinguished Level of Achievement is the Foundation/Endorsement Plan including Algebra I. Students are eligible for to 10% automatic admission to state universities.	A student may earn an endorsement by successfully completing curriculum requirements for endorsements adopted by the State Board of Education in the following areas: <ul style="list-style-type: none"> <li>STEM – Science, Technology, Engineering &amp; Mathematics</li> <li>Business &amp; Industry</li> <li>Public Services</li> <li>Arts &amp; Humanities</li> <li>Multidisciplinary Studies</li> </ul>		This acknowledgement may be earned for: (1) outstanding performance in the following areas: (A) in a dual credit course; (B) in bilingualism and biliteracy; (C) on a college advanced placement test or international baccalaureate examination; or (D) on the PSAT, the ACT-plan, the SAT, or the ACT; or (2) for earning a nationally or internationally recognized business or industry certification or license.		

Students must pass all required end-of-course tests to graduate - Algebra I, Biology, English I, English II & US History

The background features a dark blue, semi-transparent overlay over a photograph. The photograph shows an open book with white pages and a green cover, resting on a dark wooden surface. A magnifying glass with a black handle and a clear lens is positioned in the lower right foreground, focusing on the book's pages. The overall lighting is dim, creating a professional and academic atmosphere.

# GENERAL INFORMATION AND POLICIES

# GENERAL INFORMATION

## ENROLLMENT

A student enrolling in the district for the first time must be accompanied by parent(s) and must provide satisfactory evidence of required immunizations.

To complete admission, the following demographic information is vital: student's social security number, verified home address, home phone, father's name, birth date, place of business and work phone, mother's name, birth date, place of business and work phone, and a friend or relative's phone number in case of emergency.

## CLASSIFICATION CREDITS

Students are classified according to the number of credits they have earned. Required classification credits are listed below. Reclassifications are made only at the beginning of each school year except for certain situations outlined in AISD Board Policy EIE.

Tenth Grade	6 Credits
Eleventh Grade	12 Credits
Twelfth Grade	18 Credits

## SUBJECT LOAD FOR STUDENTS

Students in grades 9, 10, and 11 will be required to take eight classes each semester in a block schedule.

Students may only drop courses without penalty within the end of the first grading period, if an alternate class can be scheduled or for seniors scheduled for more than six classes. After the end of the first grading period, a grade of "E" is recorded and will be reflected on the student's Grade Point Average, (G.P.A.). Students may not add a course for credit after the first three weeks of the first grading period of each semester. Seniors that are failing core subjects (English, Math, Science, Social Studies) after the first three weeks of the semester may drop the course and add a course in the same core subject. The student will be allowed to drop the course without penalty.

## TUTORIALS

Tutorial sessions are conducted on each high school campus by individual teachers. Tutoring is normally available immediately before or after school. Students who need extra help with their studies or who are unable to achieve satisfactorily should avail themselves of this opportunity. Parents should encourage students to attend tutorial sessions when the need exists.

## AUDITING

In rare instances, a principal may allow a student to audit a course with the recommendation of the teacher and the counselor. Students will receive a grade in audited courses each six-weeks. The grade does not affect GPA or count toward graduation credit, but if it is below 70, the student will be ineligible for extracurricular activities.

## **ATTENDANCE**

Regular and punctual patterns of student attendance are necessary for a student to receive maximum benefit from their education. Regular student attendance is an essential component in the overall academic and behavior program. Detailed attendance guidelines, which includes tardies, is located in the Arlington ISD Student Code of Conduct book.

## **MAKING UP WORK MISSED**

An excused absence is given for illness, severe family emergency or death in the family. Parent's permission does not necessarily mean that the school will be able to excuse the absence. Excessive days or three consecutive days of illness could require a physician's statement. An excused absence entitles the student to an opportunity to make up the work missed. It is the student's responsibility to secure assignments upon return to school and make up work missed. Parents of secondary students may call the school to get assignments while the student is still out by 8:45 a.m. and can expect their assignments to be available between 1:30 p.m. and 2:30 p.m. the following day. Failure to hand in such work within a reasonable time will mean a zero for that assignment. A reasonable length of time is considered to be one day for each day absent. {Policy EIAB (Local)}

## **WITHDRAWAL**

A student withdrawing from school should make the necessary arrangements one day in advance through the office where he or she will be given a Withdrawal Form containing necessary information for re- entry. A transcript will be forwarded to the school to which the student is to be transferred upon request by the receiving school. A student who does not have a Withdrawal Form should not expect to enter another school without considerable loss of time and trouble to all concerned. When a student is withdrawing from school, the parent should either accompany the student or send a written statement requesting withdrawal. Teachers cannot be interrupted during class for this process.

## **TEXTBOOKS**

Books used in the schools are furnished free of charge by the State of Texas. At the beginning of the term, books are issued and assigned to the student. At the end of the term, the student must return them in good condition. The student must pay for lost, damaged, or unreturned textbooks. Refusing payment for lost textbooks may result in denial of provided textbooks.

## **EXAMINATIONS**

Written examinations will be given in all courses at the end of each semester. The exams will be averaged in as 1/7 of the semester grade. No early exams are given. Students who miss exams due to absence may make them up after exam day if the absence is excused. Six-week examinations may be given sometime during the last part of the fifth week or during the sixth week of each six-week reporting period.

## **HOMEWORK**

A part of class may be set aside for individual study and work under the supervision of the teacher who can, during that time, help individual students with their particular weaknesses and observe the study and work habits of all students in the class. Home study is often a continuation after school hours of this supervised study time within the class itself. The amount of home study necessary may vary from time to time.



## **PROPER STUDENT DRESS**

All students must wear clothing suitable to classroom situations. See the Dress Code in the *Student Code of Conduct Book*.

## **STUDENT FEES**

Upon receipt by the district of reliable proof that a student and his or her parent or guardian are unable to pay a fee or deposit required by the school, such fee or deposit shall be waived. Such student and his or her parent or guardian must present evidence of their inability to pay to the principal who shall determine eligibility for a fee waiver. {Policy FP(Local)}

## **CLUBS AND ACTIVITIES**

Students are encouraged to participate in the activities offered by such clubs as FFA, FBLA, foreign language clubs, Student Councils, Peer Assistance Leadership (PALS), other content area activities, band, athletics, etc.

## **SHELTERED COURSES**

Sheltered courses are available at secondary schools in Arlington. Schools shall provide shelter history, math, science and English based on student population. Sheltered courses contain the same content; however, the teacher is trained in ELS strategies and accommodates the student based on their level of language proficiency. Sheltered courses are scheduled for all limited English proficient (LEP) students who have yet to fulfill exit requirements.

## **AIDING STUDENTS WHO HAVE LEARNING DIFFERENCES OR WHO NEED SPECIAL EDUCATION OR SECTION 504 SERVICES**

For those who have academic or behavioral deficits in the general education classroom, all school districts must consider tutorial, compensatory and other support services that are available to all students, including a Multi-Tiered System of Supports (MTSS). The implementation of MTSS has the potential to have a positive impact on the ability of districts to meet the needs of all struggling students.

If a student is experiencing learning difficulties, their parent may contact the individual(s) listed below to learn about the school's overall general education referral or screening system for support services. This system links students to a variety of support options, including making a referral for a special education evaluation or for a Section 504 evaluation to determine if the student needs specific aids, accommodations, or services. A parent may request an evaluation for special education or Section 504 services at any time.

### **Special Education Eligibility, Requests, Reporting, and Resources:**

Eligibility – The Individuals with Disabilities Education Act, also known as IDEA, is a federal law that give eligible students with disabilities the right to receive special education services and assistance in school. To be eligible for special education services, a student with a disability must need instruction that is specially designed to meet the student's unique needs based on that disability.

## Who can request an evaluation?

- **Parents or Guardians:** A parent or guardian has the right to request a special education evaluation at any time. It is best to submit this request in writing to your school's principal or to the school district's special education director. If your child is pre-school age and not yet enrolled in school, send the letter to the district's special education director.
- **School:** If the school knows or has reason to suspect that the student has a disability and a need for special education services, the school must refer the student for a special education evaluation. More information on evaluation timelines can be found at: [direc.to/dVYR](http://direc.to/dVYR)

Reporting – The Texas Education Agency (TEA) changed the way it reports special education enrollment in school systems. TEA no longer includes a target for a school system's total numbers of students in special education as part of state monitoring.

- For special education representation, TEA only reports on overrepresentation within certain race, ethnicity and disability categories, as required by federal law. School systems cannot use this reporting data to delay, deny or prevent a referral for an evaluation for special education services.

## Resources

- TEA has created topic specific information for families. These resources can be accessed via this link: [direc.to/dVYo](http://direc.to/dVYo)
- Family members can call or log on to find answers to their questions as well as general information about special education
- [SpEdTex.org](http://SpEdTex.org)
- 1.855.773.3839

## Special Education Referrals:

If a parent makes a written request for an initial evaluation for special education services to the director of special education services or an administrative employee of the school district, the district shall respond no later than 15 school days after receiving the request. At that time, the district or charter school shall give the parent a prior written notice of whether it agrees to or refuses to evaluate the student, along with a copy of the *Notice of Procedural Safeguards*. If the school district or charter school agrees to evaluate the student, it shall also give the parent the opportunity to give written consent for the evaluation.

Please note that a request for a special education evaluation may be made verbally and does not need to be in writing. Districts and charter schools must still comply with all federal prior written notice and procedural safeguard requirements and the requirements for identifying, locating, and evaluating children who are suspected of being a child with a disability and in need of special education. However, a verbal request does not require the district or charter school to respond within the 15-school-day timeline.

If the district decides to evaluate the student, it must complete the student's initial evaluation and evaluation report no later than 45 school days from the day it receives a parent's written consent to evaluate the student. However, if the student is absent from

school during the evaluation period for three or more school days, the evaluation period will be extended by the number of school days equal to the number of school days that the student is absent.

There is an exception to the 45-school-day timeline. If the district receives a parent's consent for the initial evaluation at least 35 but less than 45 school days before the last instructional day of the school year, it must complete the written report and provide a copy of the report to the parent by June 30 of that year. However, if the student is absent from school for three or more days during the evaluation period, the June 30th due date no longer applies. Instead, the general timeline of 45 school days plus extensions for absences of three or more days will apply.

Upon completing the evaluation, the district shall give the parent a copy of the evaluation report at no cost.

Additional information regarding special education is available from the district or in a companion document titled *Parent's Guide to the Admission, Review, and Dismissal Process*.

#### Contact Information for Special Education Referrals:

The designated person to contact regarding options for a student experiencing learning difficulties or regarding a referral for evaluation for special education services is:

Director of Special Education/Section 504/Dyslexia at 682-867-0800

Executive Director of Specialized Services for 504/Dyslexia at 682-867-0804

#### Section 504 Referrals:

The district has standards and procedures in place for the evaluation and placement of students in the district's Section 504 program. The district has also implemented a system of procedural safeguards that includes notice, an opportunity for a parent or guardian to examine relevant records, an impartial hearing with an opportunity for participation by the parent or guardian and representation by counsel, and a review procedure.

#### Contact Information for Section 504 Referrals:

The designated person to contact regarding options for a student experiencing learning difficulties or regarding a referral for evaluation for Section 504 services is:

Coordinator for Section 504 and Dyslexia at 682-867-7465

#### Additional Information:

The following websites provide information and resources for students with disabilities and their families.

- [Legal Framework for the Child-Centered Special Education Process](#)
- [Partners Resource Network](#)
- [Special Education Information Center](#)
- [Texas Project First](#)

## COMPREHENSIVE SPECIAL EDUCATION

Special education services are available on the campus for each secondary school in Arlington. Services for students are implemented in the least restrictive environment based on the student's Individual Education Plan. A graduation plan is developed through the Admission, Review and Dismissal Committee for each student receiving special education service.

The special education program maintains records on students who are currently receiving special education services or who have received special education services during the preceding seven-year period. These records are located on the school campus and the special education Special Services Office at 1204 W. Arkansas Lane.

The Special Services Office telephone number is 682-867-7690. The special education department observes federal and state regulations and local policies pertaining to the confidentiality of student records. Parents (or an eligible student 18 years or older) may inspect and review records at any time. School officials with a legitimate educational interest have access to student records. The parents of a student with a disability must give written consent before that student's records can be seen by someone not involved in the student's education.

## EXEMPTIONS FROM FINAL EXAMS

A junior or senior student may request an exemption from taking final examinations in any semester if the student meets all of the following conditions:

- Has a grade average of 80 or above.
- Has no more than three excused absences in the semester in which the waiver is requested. This includes absences for illness, or hospitalization, or religious activities.
- Has had no unexcused absences during the semester.
- Has not been assigned to in-school suspension or an alternative education program.
- If the student elects to take the final examination, the examination grade shall be used to calculate the student's final grade for the semester **only if the examination grade improves the final average.**

## GPA EXEMPT OPTION (BOARD POLICY EIC LOCAL)

A junior or senior student may take certain courses on a grade point average (GPA)-exempt basis in accordance with the following:

- GPA-exempt courses shall be limited to juniors and seniors who have maintained a GPA of at least 7.00.
- Courses beyond the credits required by the state for graduation may be taken as GPA-exempt courses, limited to two courses per semester, per student.
- The student must declare his or her intent to take a course on the GPA-exempt basis within the first three weeks of class. This decision is final and cannot be rescinded.
- The numerical grade earned on a GPA-exempt course shall be posted on the transcript with no grade points.
- A third GPA exemption may be granted in a semester for band, choir, orchestra, or athletics, if applied to a third or fourth year course that is paired with another course in the same program. Specific courses shall be listed in the course description book.



## ELIGIBILITY CRITERIA FOR EXTRA-CURRICULAR ACTIVITIES

Extracurricular activities are school-sponsored activities designed to achieve specific goals that contribute to a student's personal, physical, and social development. They encourage cooperative attitudes, acceptance of responsibility, increased student involvement, the development of specific interests and skills, and then a carry-over of these attributes into lifetime skills.

It is important to realize that participation in extracurricular activities is a privilege and not a right; and students must meet specific requirements of the Arlington ISD, University Interscholastic League, and state law in order to participate. Students may participate in extracurricular activities per UIL rules at the beginning of the school year if they have earned the following cumulative number of credits.

- Beginning at 7th grade, promoted from grade 6 to 7.
- Beginning at 8th grade, promoted from grade 7 to 8.
- Beginning at 9th grade, promoted from grade 8 to 9.
- Beginning of the 10th grade, having 5 credits.
- Beginning of the 11th grade, having 10 credits.
- Beginning of the 12th grade, having 15 credits.
- After the 1st six-week period, any six-weeks' grade below 70 (see H below) in any course will render a student ineligible for extracurricular activities for a period of three weeks (AISD policy and state law).
- A student in grades 9-12 who is enrolled in any AISD designated, Advanced Placement, International Baccalaureate, or Dual credit class will maintain eligibility with a grade of at least 60 for a six-weeks' grading period.
- In no case can a student drop a course with a failing average later than the end of the third week of a six-week grading period without its being considered a failing grade for eligibility purposes.
- A student in grades 9-12 who drops a course after the first six weeks will receive a failing grade for the semester and a failing grade for the six weeks in which the course was dropped. Such circumstances render a student ineligible the following three weeks.
- In non-credit courses, a student is eligible as long as he/she is taking and passing four credits.
- A student who makes a failing grade in an audited, GPA exempt, correspondence, or virtual on-line class is ineligible for the next three weeks.
- A student removed from class by a teacher under Senate Bill 1 may be prohibited from participating in school- sponsored or school-related extracurricular activities.
- A student removed from class and placed in an alternative education program under Senate Bill 1 is prohibited from attending or participating in school-sponsored or school-related extracurricular activities.
- Other restrictions may apply according to state law and Senate Bill 1

## **GRADING AND GRADE REPORTING METHOD OF MARKING**

Teachers shall report grades numerically in grade books, on report cards, and in the cumulative folders.

Teachers will evaluate student academic performance, grades 9-12, according to the group (level) placement of the student. Upon early indication of a student's unsatisfactory performance, the parents should be notified of the student's deficiency.

Report cards will be distributed each six weeks. Semester grades will be computed as follows: multiply each six week's grade by two (2), add the semester final, and divide by seven (7). The result will be a semester grade with a semester final weighted approximately 15%.

Students in grades 9-12 will receive credits and grade points by semester average. Each semester of work completed satisfactorily will count 0.5 credit. The units will be recorded on report cards and transcripts by semester. If a high school course is taken in grade 7 or 8, graduation credits will be earned as in grades 9- 12.

An adequate number of grades must be taken to fairly evaluate the student. A minimum of 6 grades per grading period is required. A six weeks exam or a unit exam may be administered as part of the final six weeks grade.

All senior high schools will administer a semester exam in every course offered in the curriculum except ULL competitive sports, grades 9-12.

A student's mark in academic areas will not be altered because of his behavior. Behavior will be marked under Citizenship on the grade report form. The symbols for marking citizenship are as follows:

- A** - Excellent
- B** - Satisfactory
- C** - Improvement Needed
- F** - Unsatisfactory

Plus or minus signs may be used with citizenship grades at the secondary level.

The secondary student's citizenship or conduct grade will be based on the following:

- Acceptance of responsibility
- Courtesy of speech and manners
- Dependability
- Respect for the rights of others
- Promptness
- Care of Property
- Good use of time
- Following Directions
- Observation of rules of behavior

## PLAN FOR GRADING IN GRADES NINE THROUGH TWELVE

In keeping with the philosophy of the Arlington Public Schools, its plan of grouping, and its effort to provide a program to meet individual differences, the following weighted grade point system will be used for grades 9-12 to mark students who have varying abilities.

### Grades 9-12

Equivalent numerical values	Grade	Regular Level	Honors Level	Identification Codes on report cards
97-100	A+	12	15	<b>INC</b> Incomplete
93-96	A	11	14	<b>NC</b> No Credit
90-92	A-	10	13	<b>P/F</b> Pass/Fail
87-89	B+	9	12	<b>WD</b> Withdrawn
83-86	B	8	11	<b>ABS</b> Attendance Policy
80-82	B-	7	10	<b>X</b> GPA
77-79	C+	6	9	
73-76	C	5	8	
70-72	C-	4	7	
Below 70	F	0	0	

$$\text{Grade Point Average} = \frac{\text{Grade Points Earned}}{\text{Number of Non-Exempt Classes Attempted}}$$

### Semester Grade Averaging Policy Implemented 2016-2017 School Year Policy EI (Local)

- If a student fails a semester of a two-semester course and the final average for both semesters equal "70" or above, the student is awarded credit for the failed semester.
- Averaging of grades will begin with the 2016-2017 school year and will not be retro-active.
- Averaging of grades will be processed within one school year, 1st semester, 2nd semester, and summer sessions constitutes a school year.
- GPA and Class Rank will continue to be calculated based on grades earned.  
**Semester averaging will not impact GPA or Class Rank.** The grade the student earned will not be changed on the report card or transcript.

## **RANK IN CLASS (BOARD POLICY EIC LOCAL)**

Rank in class shall be determined in accordance with the following provisions:

- All courses taken in residence during the regular term for which the student receives a grade and counts towards graduation shall be included in computing class rank. Course grades receiving three credits shall be included three times in the averaging.
- All students shall be included in computing class rank.

For students from a foreign country or non-accredited school, credits earned at their previous school will apply toward graduation requirements; however, those grades shall be transcribed as a "P" or "F" and shall not be included in the computation of class rank. For students coming from an accredited school within the United States, grades shall be recorded as they appear on the transcript. Grade points shall be awarded on the basis of the scale, if any, accompanying the transcript. If no scale is available, the District's scale shall be used.

All honor graduates will be determined at the end of the fifth six-week period of the senior year. Honor graduates will be students in the following categories of the senior class:

- Valedictorian - highest grade point average
- Salutatorian - second highest grade point average
- Summa cum laude - top 2 percent (includes valedictorian/salutatorian)
- Magna cum laude - top 10 percent
- Cum laude - top 20 percent

To be considered for summa cum laude honors, a student must have been enrolled for the final four semesters at the high school from which he or she is graduating.

## **DOCUMENTS AWARDED AT GRADUATION**

A Diploma is issued to students that have met all graduation requirements.

A Certificate of Completion may be issued to a student who completes all graduation requirements except for required end-of-course assessments. The District will allow a student to participate in the graduation ceremony. This is not a Diploma.

A Certificate of Attendance may be issued to a student who receives special education services and who has completed four years of high school but has not completed the student's individualized education program (IEP). A student may participate in only one graduation ceremony under this provision. This is not a Diploma. BOARD POLICY FMH LOCAL.



## **ALTERNATE METHODS OF EARNING CREDIT**

The State Board of Education has proposed different methods by which a student can earn credit. These methods have been endorsed by the local Board of Trustees and are available by contacting the counseling office.

### **CREDIT BY EXAMINATION WITH PRIOR INSTRUCTION {BOARD POLICY EHDB (LOCAL)}**

Credit by Examination is designed as an option to earn credit for those students who have had prior documented instruction. Examinations used to earn credit under this policy shall assess the student's mastery of the essential knowledge and skills. On recommendation of the attendance committee, a student who has excessive absences may be permitted to earn or regain course credit through credit by examination. Credit by examination shall not be used to gain eligibility for participation in extracurricular activities and shall not be included in the calculation of class rank or counted towards the grade point average (GPA). To receive credit, students shall score a grade of 70 or above on the examination. A student may take a credit by examination for a particular course no more than two times.

Students must register with the campus counselor for a credit by examination. No fee shall be charged for any examination provided by the District. A fee will be charged for an examination prepared by an outside entity, unless the campus principal waives such a fee based on student need. No student will be assessed an administration fee by the District. The Department of Research and Testing shall be responsible for the development and/or selection of examinations for credit or acceleration with prior instruction.

### **CREDIT BY EXAMINATION WITHOUT PRIOR INSTRUCTION {BOARD POLICY EHDC (LOCAL)}**

If a student in grades 1–12 wishes to accelerate to the next grade level or earn course credit without having received prior instruction in the grade level or course, the District shall offer opportunities in accordance with state law and State Board rules for the student to take a Board-approved examination for this purpose. To take an examination for credit without prior instruction a student must register with the campus counselor.

Students in grades 9-12 shall score a grade of 80 or above on each examination taken for course credit. No fee shall be charged for any examination for acceleration provided by the District. Credit obtained by examination for acceleration shall not be included in the calculation of class rank or counted towards the grade point average (GPA). A student may take a credit by examination for a particular course no more than two times.

A student may only test once during a testing window for the same course and may not test more than once for the same course in windows 4 & 5.

### **CORRESPONDENCE COURSES {BOARD POLICY EHDE (LOCAL)}**

A student enrolled in a District high school (grades 9-12) may enroll in correspondence courses. Students enrolled in correspondence courses should seek advisement from their school counselor. All correspondence work must be done through the institutions approved by the Texas Education Agency, Commissioner of Education, the University of Texas, Division of Extension in Austin, or the Extension Division of Texas Technological University at Lubbock. Correspondence examinations shall be monitored by District staff. Correspondence courses shall not be included in the calculation of class rank

or counted towards the grade point average (GPA). Seniors who are enrolled in correspondence courses to earn credits required for graduation shall complete the course and submit the grade for recording at least 30 days prior to the graduation date in order to be eligible for graduation at the end of the term. This course counts towards UIL eligibility. No credit shall be granted at any grade level for participation in summer study abroad programs.

On-line courses available through TxVSN (Texas Virtual School Network). Students will be responsible for their own fees. Please contact the counseling department for additional information.

## **PROCEDURE FOR SECURING OFF-CAMPUS PHYSICAL EDUCATION CREDIT**

All students interested in obtaining Off-Campus Physical Education credit will be directed to their counselor. The counselor will explain the three categories of Off-Campus Physical Education and give the student an Application for Off-Campus Physical Education. The completed application should be returned to the counselor.

The counselor will then review the application with the principal and obtain the principal's signature on the application. The counselor will forward the application to the Athletic Department office for final approval. After final approval, the application will be returned to the counselor.

Applications must receive final approval prior to the 1st week of each semester. No application will be accepted after the third week of each semester. Upon receipt of the approved application, the counselor will send the "provider-of-services packet" to the coach or organization providing the Off-Campus Physical Education services. The provider will finalize the process by returning the Acknowledgment of Responsibilities Statement to the counselor.

The counselor or principal designee will review the log and grade sheet each six weeks to verify that the student is meeting the AISD requirements for attendance and hours prior to entering the grade.

## **ADVANCED ACADEMICS**

Arlington secondary schools provide academically challenging curriculum offerings including Advanced, Advanced Placement (AP), and International Baccalaureate (IB), Dual Credit, and OnRamps. Counselors support students in determining courses that support their academic goals.

Arlington ISD promotes open enrollment in advanced courses when a student is passionate about the subject and chooses to take on the challenge. In addition to Advanced courses in grades nine through twelve, some courses are also college-level classes potentially providing the student an opportunity to earn college credit. Earning qualifying scores on Advanced Placement (AP) and International Baccalaureate (IB) examinations earn course credit at many colleges. Students can earn college credit with successful academic completion of Dual credit and OnRamps courses.

The Advanced Academics courses offered at the high school level seek to provide the more academically focused students with opportunities emphasizing creative thinking,

problem solving, and open-ended assessments rather than merely quantity of work. The goal of Advanced Academics programming is to challenge and stimulate students to the highest level of their abilities.

Courses will be taught according to AP, IB, Dual Credit, and OnRamps guidelines, and students will use college level textbooks. Prerequisites for each course are included in the course descriptions on the following pages. Honors credit is earned for AP, IB, and OnRamps (starting with graduating class 2023) courses.

Students who wish to enroll in one or more Advanced Academics courses will receive a copy of the Advanced Academics Expectations of Enrollment form. The form, which explains the rigor and expectations of Advanced Academics courses, must be signed by the student and the parent and returned to the student's counselor prior to enrollment in the class(es). Students must be committed to the required time needed for the college level studies. Withdrawal from an AP course may occur by a parent/student request. After communication and student support, the Advanced Academics Permission to Withdraw form must be completed and signed by the teacher, parent and student and returned to the student's counselor. AISD Withdrawal Procedure: A student may withdraw from an Advanced/AP/IB class no sooner than the end of the sixth week of the first grading period; the withdrawal process must be completed by week 12 of the school year.

## **GENERAL INFORMATION ON THE INTERNATIONAL BACCALAUREATE PROGRAMME**

1. The Diploma Programme (DP) curriculum is made up of six subject groups and the DP core, comprising theory of knowledge (TOK), creativity, activity, service (CAS) and the extended essay.
2. Through the Diploma Programme (DP) core, students reflect on the nature of knowledge, complete independent research and undertake a project that often involves community service.
3. Research suggests that there are many benefits to choosing the Diploma Programme (DP). The programme aims to develop students who have excellent breadth and depth of knowledge – students who flourish physically, intellectually, emotionally and ethically.
4. The Diploma Programme (DP) is open to any student aged 16 to 19, at schools that have been authorized to implement the programme. In Arlington, these schools include Arlington High School, Bowie High School, Lamar High School, and Sam Houston High School.
5. The International Baccalaureate Programme courses offered in the Arlington Schools include the following: English Literature, English Language and Literature, Spanish, French, German, and Latin, History of Americas, Biology, Chemistry, Environmental Systems and Societies, and Physics, Math: Analysis and Approaches, Math: Applications and Interpretations, Information Technology in a Global Society, Visual Arts, Film, Theatre, Dance, and Theory of Knowledge. These courses will be taught at a college freshmen level and students will receive honors credit for successful completion of the course requirements.
6. Courses will be taught according to the International Baccalaureate guidelines and students will use college level textbooks. Prerequisites for each course are included in the course descriptions on the following pages.
7. Students considering enrollment in IB courses should use the following criteria:
  - A. Indication of high interest
  - B. Parent approval
  - C. Teacher recommendation
  - D.

Satisfactory grades in pre-requisite courses E. Standardized test scores that support the student's grades and interest

8. Students who wish to enroll in one or more IB courses will receive a copy of the IB Enrollment form. The form, which explains the rigor and expectations of IB must be signed by the student and the parent and returned to the school's IB Coordinator/ Advanced Academics Coordinator prior to enrollment in the class(es)
9. Withdrawal from an IB course may occur upon the recommendation of the teacher or a parent/student request.
10. The IB Permission to Withdraw form must be completed and signed by the teacher, parent and student and returned to the student's counselor and/or IB Coordinator.
11. All students enrolled are expected to complete all assessments of the IB course and will take the IB exams, administered on a specific date and hour during the first weeks of May. Each assessment is designed and scored by examiners for the IB.
12. Students must be committed to the required time needed for the college level studies.

## **STEM ACADEMY**

To continue the goal of being a district with leading-edge learning experiences, the AISD has partnered with the University of Texas at Arlington for a new STEM Academy – science, technology, engineering and math. Students will have the opportunity to earn high school and college credits from the UT Arlington along four pathways – engineering, biology/biomedical science, computer science and math/science. There are no fees associated with being a part of the STEM Academy. Students in the STEM Academy will have a chance to complete 21-32 hours in their college major at UT Arlington prior to high school graduation. Students will also be able to advance their STEM education outside the classroom, with opportunities such as internships, mentorships, job shadowing, community service, enrichment programs and summer learning opportunities. Students selected for the STEM Academy will enjoy all the benefits of being a high school student at Martin High School including fine arts, sports, clubs and organizations.

**Prerequisite:** Current AISD 8th grade students who reside within the AISD Boundaries: Application, interview, selection.

**Information:** [www.aisd.net/stem-academy/](http://www.aisd.net/stem-academy/)

## **DUAL CREDIT**

Students who are classified as a junior or senior who want dual credit must fulfill the criteria set forth in policy EHDD (Local) which includes obtaining early admission to the college and paying associated tuition and fees. Students must remain enrolled in at least three classes each day on the high school campus and maintain an overall grade average of 80 or above. No more than two dual credit classes per semester may be taken. Arlington ISD has dual credit agreements with UT Arlington and Tarrant County College. Any grade below 70 in the college course will result in no credit being awarded in the equivalent high school course. All associated costs and fees are the responsibility of the student. See your counselor for a list of courses approved for dual credit. If you would like to have a course considered for the Dual Credit list, submit a request to the Executive Director of Transformational Learning at least six weeks prior to the start of the semester in which you want to take the class. Dual credit shall not be included in the calculation of class rank or counted towards the grade point average (GPA). OnRamps is a dual credit course taught by AISD teachers in partnership with University of Texas at Austin.

## **DUAL CREDIT ENROLLMENT/ WITHDRAW PROCEDURES FOR HIGH SCHOOL CREDIT**

- Admissions deadline for dual credit classes including application, testing, acceptance and fees are set by Tarrant County College and UT Arlington. Consult the Dual Credit Counselor



on the campus for specific dates. These dates do not necessarily coincide with the AISD add/drop dates. Deadline for class changes from one dual credit class to another dual credit class will be no later than the end of the first week of class each semester.

- Withdrawal from a dual credit class will follow AISD and UIL rules for the high school schedule and transcript.
  - Withdrawal prior to the end of the 12th week will result in the student's being scheduled into the equivalent required high school class, and the grade will transfer
  - UIL rules stipulate that "A student may not drop a class in which he/she has a grade below 70 after the end of the first four school weeks of the class without its being considered a failing grade for eligibility purposes."
- Withdrawal from a dual credit class will follow TCC rules for the grade on the college transcript.

## **TEXAS HOUSE BILL EXPANDS DUAL CREDIT OPPORTUNITIES**

HB 505 was put into effect in the 2015 Legislative session. It expands the opportunities students have to earn college credit while still enrolled in high school.

Texas House Bill 505 (HB505) removes the limits on the number of dual credit college courses a high school student may take during a semester. The law also allows students in ninth and tenth grade to participate in dual credit programs. Students must meet TSI requirements and the prerequisites for course work.

As of the 2018-2019 school year Arlington ISD will honor its agreements and partnerships currently in place related to our dual credit programs. Our partnership with Tarrant County College provides opportunity for current juniors and seniors to earn twenty-four credit hours. Arlington ISD will continue to support these twenty-four credit hours financially and logistically. Students who wish to take additional coursework must do so outside of the school day at their own expense. Only courses within our current agreement will be awarded dual credit.

Arlington ISD continues to recommend that students take no more than 6 college hours per semester. Students are required to have six high school courses while taking dual credit courses.

### **Academic Dual Credit Courses Taught on the High School Campus:**

English IV	TCC - ENG 1301 & 1302
Government	TCC - GOV 2305
Economics	TCC - ECON 2305
US History	TCC - HIST 1301 & 1302
Sociology	TCC - SOCIO 1301
Psychology	TCC - PSYCHOL 2301

## **FINE ARTS**

The actual practice of the arts can engage the imagination, foster flexible ways of thinking, develop disciplined effort, and build self-confidence. Appreciation of the arts is integral to the understanding of other cultures sought in the study of history, foreign language, and social sciences. Fine arts will permanently enhance quality of life, whether the student continues artistic activity as an avocation or appreciation of the arts as an observer and member of an audience. Preparation in the arts will be valuable to college entrants whatever their intended field of study.

## CENTER FOR VISUAL AND PERFORMING ARTS (CVPA)

The Center for Visual and Performing Arts is home to world class performance and demonstration venues, as well as state of the art classroom space. Students grades 9-12 can travel from their home campus for high quality instruction in music, art, and dance. These courses are open to all AISD students, and will offer credit towards graduation requirements.

## COLLEGE & CAREER PLANNING

College planning should begin as early as possible to become familiar with college entrance requirements. The counseling department publishes a junior and senior handbook containing helpful college and career planning information. School counselors and go center advisors are available on all campuses to assist students in their college, career and military planning. Students are encouraged to attend the annual district College Night to interact with college/university officials and receive up-to-date information. Your school counseling office can provide additional information on the date, time and location. Ranking in the top 10% of the graduating class and earning distinguished level of achievement, results in automatic admission to most Texas state colleges and universities.



## FINANCIAL AID

The Free Application for Federal Student Assistance (FAFSA) is not available until October 1st. The information for the application is based on income tax returns. Through this application, eligibility is determined for grants, loans, work-study programs and some scholarships. You may apply on-line at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

## SCHOLARSHIPS

The best resource for scholarship information is directly from the financial aid office at the college(s) you wish to attend. The counseling office on your high school campus will also have information about certain scholarships. Most scholarship opportunities are now posted online, allowing student's the opportunity to do local and national scholarship searches on their own. Visit the Arlington ISD scholarship website <https://bit.ly/34FFMV4>

## COLLEGE ENTRANCE EXAMS

SAT - Scholastic Aptitude Test  
[www.collegeboard.org](http://www.collegeboard.org)

ACT - American College  
Testing Program  
[www.actstudent.org](http://www.actstudent.org)



## WHAT IS TSI?

### TSI – Texas Success Initiative

The Texas Success Initiative (TSI) is a legislative requirement for all students enrolling in a Texas public college or university designed to determine if a student is ready for college-level coursework in the general areas of reading, writing and mathematics. Check with your counselor on testing options.



## **PSAT/NMSQT - The Preliminary SAT/National Merit Scholarship Qualifying Test**

The PSAT is a standardized test administered by the College Board and cosponsored by the National Merit Scholarship Corporation (NMSC). The PSAT portion of this test can be of assistance to students when planning for college. The NMSQT portion allow students to compete for the National Merit Scholarships or for scholarships given by many companies and associations. Visit the website for more information.



Check with your counselor on testing options.

<https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10>

## **DAN DIPERT CAREER AND TECHNICAL CENTER (CTC)**

The Arlington ISD Dan Dipert Career and Technical Center (CTC) and the Arlington ISD Agricultural Science Center (ASC) are dedicated to creating a school-wide culture where students identify, select, and pursue career pathways and develop necessary skills that lead to post-secondary career and/or college readiness and opportunities. These centers are committed to cultivating the potential in our students by integrating rigorous classroom instruction with relevant, work-based experiences that inspire, guide, and empower them for post-secondary college and careers. The CTC+ASC will be the bridge for students to combine academic, employability, and technical skills that prepare our students for leadership roles in the working world. By combining careful planning with “real-world” experiences, students will be prepared to take the next step in life after graduating from Arlington ISD. Our students will excel!



## **ASVAB – ARMED SERVICES VOCATIONAL APTITUDE BATTERY**

The ASVAB test is offered to high school and post-secondary students as part of the ASVAB Career Exploration Program. The ASVAB is a multiple aptitude battery that measures developed abilities and helps predict future academic and occupational success. Check with your school counselor on testing options.

## **VENTURE HIGH SCHOOL**

Venture is an alternative educational program designed to meet the academic needs of students who are academically behind and in danger of dropping out of high school based on the district and state selected guidelines. Venture utilizes a Blended Learning Instructional Model that has technologically-centered learning for students with well-crafted lessons and units by the teachers. Students must complete an application to be considered for acceptance into this program. Applications are available online via the district/Venture HS website. Please follow the directions once you get to the ‘application process’ tab on Venture’s website. The program is a school of choice for students and credit is immediately awarded once mastery of the content has been shown within the course content. The instructional model follows an individualized self-paced format. A high school attendance is required for success in this program. Once the enrollment is full, Venture will hold a waiting list to allow the next available student to enter. Venture tries to do intake/orientations every three weeks.

## **EVENING SCHOOL-VENTURE**

The Evening School Program is a part of Venture High School. Evening school students may work at their own pace on designated credit courses within the core curriculum.

Classes are held from 3:45-5:45 Tuesday and Thursday evenings each week. Students should anticipate spending 65 hours to complete a 1/2 credit. All students in Arlington ISD are eligible to attend Venture for Evening School. Students that are At-Risk are eligible to attend at no cost but a commitment is required. Routine attendance is required to remain enrolled in the program. The program can offer chances for students to make up credits or to accelerate the accumulation of graduation credits.

## **NEWCOMER CENTER**

The Newcomer Center is an alternative education program designed to meet the needs of recent immigrant students in grades 7 to 10. To be eligible for the Newcomer Center program, a student must be an English Language Learner that has not been in the United States for more than two years. Immigrant students who have attained an Advanced High rating on the TELPAS Reading will attend their home school. Information received from prior schools in conjunction with local assessments will be used to determine placement. Immigrant students will take a language assessment at the World Language office to be told the correct placement. The Newcomer Center focuses on the support of language acquisition through the instructional content. Class sizes tend to be smaller with more 1:1 support.

## **SUMMER SCHOOL**

The primary purpose of summer school is to offer the student an opportunity to strengthen any weakness that may exist, to make up subject(s) failed, or to accelerate the accumulation of graduation credits. Recognizing the particular need for some students to graduate at an earlier date, senior level courses will be offered, based on adequate student requests. For registration, students are required to bring a Course Approval Form signed by the building counselor or principal and by the parent or guardian. Payment of tuition is due at registration. Refunds are issued only for courses not making.

For grades 9-12, each semester class requires daily attendance. Summer school is a highly intensified program in which one day equates to almost one week in the long term. The required hours of attendance are mandated by the Texas Education Agency. Students will be subject to being withdrawn after excessive tardies or absences. Three or more excused absences each semester is considered excessive. Truancy is grounds for immediate withdrawal. If a student is withdrawn, an appeal may be made to a building attendance review committee which consists of the principal and designated building personnel.

All phases of the summer schoolwork comply with Texas Education Agency regulations. The courses and programs meet the same standards as the regular term.

The class schedule for summer school is a contract between the parent/student and Arlington Independent School District. Some summer school regulations differ from the regular school term regulations and the parent/student agree to these when the schedule is submitted. Regular school district policies regarding appropriate and acceptable behavior in class, no smoking on the campus, and the dress code as approved by the district will be followed. Misbehavior will subject the student to dismissal without a refund.

Courses and programs offered are based on the number of requests from the students. College Testing Prep Courses will also be available to students during summer programs.



# COURSE CATALOG





# FINE ARTS: VISUAL ARTS



## ART I

A prerequisite for all other art courses, Art I offers experiences in various art processes, structures, theories, and historical developments. Activities include drawing, painting, printmaking, sculpture and an introduction to crafts such as jewelry (metal and clay), fibers (batik, weaving, and stitchery) and clay (hand-built and wheel thrown). Art I is a two-semester sequence course with the first semester being a prerequisite to the second semester. Vocational opportunities and requirements will be analyzed.

**Prerequisites:** None

**Course Number:** FA1220

**Credit:** 1 credit

**Grade Placement:** 9-12

## ART II

The second level art course is designed to incorporate prior learning from Art I and involve the student in more specialized visual art processes. These processes will emphasize student learning within the following visual arts concepts; individual artistic perception, creative visual expression, artistic production, media selection and techniques, aesthetics, appreciation of historical and multi-cultural contributions to visual arts, artistic criticism and the principles and elements of design. Portfolio developments, correct oral and written communication, as they relate to visual arts, will be integral to all aspects of this course. Vocational opportunities and requirements will be analyzed.

**Prerequisites:** Art I, One unit of credit for art I must be earned before registering for the following art courses. Except for instruction basic processes, students will furnish their own materials in some art courses.

**Course Number:** FA1221

**Credit:** 1 credit

**Grade Placement:** 10-12

## ART II DRAWING

This course will focus on exploring various drawing techniques, media and subject matter to enhance student perception and drawing skills. Emphasis will be placed on the development of eye-hand coordination, composition and mark making to encourage personal creativity and self-awareness. Students will have the opportunity to be in various art exhibitions and competitions.

**Prerequisites:** Art I

**Course Number:** FA1202

**Credit:** 1 credit

**Grade Placement:** 10-12

## ART II PAINTING

This course will focus on exploring various painting techniques, media and subject matter to enhance student perception and painting skills. Media exploration will range from acrylic, oil, watercolor, and non-traditional techniques to build on prior knowledge and skills, and to promote an appreciation of styles throughout history, from the classical to the contemporary. Students will have the opportunity to be in various art exhibitions and competitions.

**Prerequisites:** Art I

**Course Number:** FA1203

**Credit:** 1 credit

**Grade Placement:** 10-12

## ART II CERAMICS

Art students may elect to concentrate on clay as an art form. Activities will center on production of functional objects such as bowls, goblets, vases, plates, etc., and non-functional throwing techniques on the potter's wheel and application of glazes. The study culminates in the integration of wheel thrown and hand built forms for sculptural effects. Portfolio development, correct oral and written communication, as they relate to the visual arts, will be integral in all aspects of this course. Vocational opportunities and requirements will be analyzed.

**Prerequisites:** Art I

**Course Number:** FA1219

**Credit:** 1 credit

**Grade Placement:** 10-12

## ART III

This course will allow students a higher degree of artistic specialization within specific art media and art processes. Student-centered learning activities will emphasize creative visual art media processes that will encourage creative problem solving techniques and contribute to the individual student's understanding and development of artistic style as it relates to their environment and self-expression. Students will have the opportunity to analyze career opportunities within the field of visual arts. Portfolio development, correct oral and written communication as they relate to the visual arts will be integral to all aspects of this course. Vocational opportunities and requirements will be analyzed.

**Prerequisites:** Art II

**Course Number:** FA122

**Credit:** 1 credit

**Grade Placement:** 11-12

## ART III DRAWING

This course will build upon Art II Drawing with an emphasis on using 2D media, such as pencil, charcoal, pen and ink and paint. Students will be encouraged to expand their technical skills and creativity through a variety of in depth projects and study of various artists from the Renaissance masters to the contemporary. Students will have the opportunity to be in various art exhibitions and competitions.

**Prerequisites:** Art II Drawing

**Course Number:** FA1204

**Credit:** 1 credit

**Grade Placement:** 11-12

## ART III PAINTING

This course will build upon Art II Painting with an emphasis on design and conceptual thinking. Students will be encouraged to expand their technical skills and creativity through a variety of in depth projects and study of various artists throughout history. Students will have the opportunity to be in various art exhibitions and competitions.

**Prerequisites:** Art II Painting

**Course Number:** FA1205

**Credit:** 1 credit

**Grade Placement:** 11-12

## ART III CERAMICS

This course is designed for the art student who has successfully completed Art II Ceramics. The student will engage in learning activities that will focus on advanced ceramic techniques, ceramic technology, and ceramic chemistry. Portfolio development, correct written and oral communication, as it relates to ceramics, will be stressed. Vocational opportunities and requirements will be analyzed.

**Prerequisites:** Ceramics II

**Course Number:** FA1223

**Credit:** 1 credit

**Grade Placement:** 11-12

## ART IV

Art IV is structured for the student who is contemplating post-secondary schooling in the visual arts or the student who is interested in a more detailed media specialization for his own artistic development. The student will develop an original body of artwork that will demonstrate the incorporation of a broad range of visual observations, experiences, historical art interpretations, and complex visual analysis of visual relationships. Portfolio development, correct oral and written communication, as they relate to the visual arts, will be integral in all aspects of this course. Vocational opportunities and requirements will be analyzed.

**Prerequisites:** Art III

**Location:** CVPA

**Course Number:** FA1224

**Credit:** 1 credit

**Grade Placement:** 12

## ART II GRAPHIC DESIGN

This course is designed to effect visual communication by typography, package design and layout, and comprehensive ad layout. The first semester activities emphasize mechanical and creative lettering techniques in expressive renderings of products as well as discussion and production in the area of illustration. First semester will also include thorough training in Photoshop and Illustrator programs. The second semester instruction stresses advertising layout and package container advertisement with continued use of Photoshop and Illustrator programs to aid in project design. *Portfolio development, correct oral and written communication, as they relate to the visual arts, will be integral in all aspects of this course.*

**Prerequisites:** Art I

**Course Number:** FA1225

**Credit:** 1 credit

**Grade Placement:** 10-12

## ART III GRAPHIC DESIGN

This course provides for the integration of advanced advertising design techniques and reproduction methods with emphasis on commercially valid advertisements. First semester will be an advanced continuation of projects with Photoshop and Illustrator in the area of graphic design/communication dealing with advertising. Practical applications of illustration and printing methods will be stressed the second semester along with in-depth discussion of what career paths one could take in Graphic Design. Portfolio development, correct oral and written communication, as they relate to the visual arts, will be integral in all aspects of this course.

**Prerequisites:** Art I and Graphic Design III

**Course Number:** FA1226

**Credit:** 1 credit

**Grade Placement:** 11-12

## ART HISTORY

This course will provide a sequential study of art history from prehistoric art to contemporary art. Instruction will include a variety of activities such as viewing slides and prints, writing, discussion, analyzing works of art and critiques. The elements of art and principles of design will be addressed and their historical development will be stressed. Students will be exposed to many world cultures through a variety of periods in art history. Portfolio development, correct oral and written communication, as they relate to the visual arts, will be integral in all aspects of this course. Vocational opportunities and requirements will be analyzed.

**Prerequisites:** None

**Course Number:** FA1227

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED ART I

This course is designed for students who are seriously interested in the practical experience in art. Emphasis will be placed on incorporating the elements and principles of art through a variety of art mediums and techniques, such as drawing, painting, printmaking and sculpture. Students will be expected to work at a rigorous pace to promote critical thinking and research while producing a body of work in preparation for the AP studio work. Students will be expected to maintain an ongoing journal and produce a “mini” portfolio of completed works for evaluation/critique at the end of the year. Course may entail summer assignments.

**Prerequisites:** Art Teacher Approval

**Course Number:** FA1320

**Credit:** 1 credit

**Grade Placement:** 9-10

## ADVANCED PLACEMENT STUDIO ART: DRAWING PORTFOLIO

These courses are designed to address drawing, design, and three dimensional and compositional skills, visual vocabulary and the study of different cultures through the history and appreciation of art. Students assemble a body of work in a portfolio that will be submitted for critical analysis and have the option of submitting one of three different portfolios: Drawing, 2-D Design, or 3-D Design, for the Advanced Placement exam in Studio Art.

**Prerequisites:** Art I or Teacher Approval

**Course Number:** FA1323

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PLACEMENT STUDIO ART: 2D DESIGN PORTFOLIO

These courses are designed to address drawing, design, and three dimensional and compositional skills, visual vocabulary and the study of different cultures through the history and appreciation of art. Students assemble a body of work in a portfolio that will be submitted for critical analysis and have the option of submitting one of three different portfolios: Drawing, 2-D Design, or 3-D Design, for the Advanced Placement exam in Studio Art.

**Prerequisites:** Art I or Teacher Approval

**Course Number:** FA1324

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PLACEMENT STUDIO ART: 3D DESIGN PORTFOLIO

These courses are designed to address drawing, design, and three dimensional and compositional skills, visual vocabulary and the study of different cultures through the history and appreciation of art. Students assemble a body of work in a portfolio that will be submitted for critical analysis and have the option of submitting one of three different portfolios: Drawing, 2-D Design, or 3-D Design, for the Advanced Placement exam in Studio Art.

**Prerequisites:** Art I or Teacher Approval

**Course Number:** FA1325

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PLACEMENT HISTORY OF ART

This course will offer an in-depth exploration of the history of art from ancient times to the present. Through reading, research, slides, videos, and museum visits, students will view significant artworks from around the world. Students will develop writing skills in the description, analysis, and comparison of these artworks. After completing this course, students are encouraged to take the Advanced Placement Art History exam given by the College Board.

**Prerequisites:** Art History Recommended

**Course Number:** FA1326

**Credit:** 1 credit

**Grade Placement:** 11-12

### IB VISUAL ARTS SL ( YEAR ONE OF SL/HL)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 6 Arts/Electives. Students will demonstrate growth and commitment through the study of art by developing a portfolio of their art work and documenting their growth through the research notebook. The work will also reflect an inquiring attitude of awareness of the local and global environment. This course will emphasize studio work with some focus on research. This course will fulfill the Texas graduation requirements for fine arts.

**Prerequisites:** Enrolled in the IB Program, Art I or Teacher Approval      **Location:** CVPA  
**Course Number:** FABA31      **Credit:** 1 credit      **Grade Placement:** 11-12

### IB VISUAL ARTS SL (YEAR TWO)

This course is a continuation of IB Visual Arts SL - Year One. Students will continue to demonstrate growth and commitment in their process portfolio and research notebook, and will present their art in an IB visual arts exhibition in the spring semester.

**Prerequisites:** IB Visual Arts Standard Level A      **Location:** CVPA  
**Course Number:** FABA41      **Credit:** 1 credit      **Grade Placement:** 12

### IB VISUAL ARTS HL (YEAR TWO)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 6 Arts/Electives. Students will demonstrate growth and commitment through the study of art by developing a process portfolio of their art work and documenting their growth through the research notebook. The work will also reflect an inquiring attitude of awareness of the local and global environment. This course will emphasize studio work with some focus on research.

**Prerequisites:** IB Visual Arts Standard level Year One      **Location:** CVPA  
**Course Number:** FABC41      **Credit:** 1 credit      **Grade Placement:** 12

### IB FILM SL (YEAR ONE FOR HL)

This course fulfills the International Baccalaureate (IB) requirements for Group 6 Arts / Electives. The IB Diploma Programme film course aims to develop students' skills so that they become adept in both interpreting and making film texts. Through the study and analysis of film texts and exercises in film-making, the course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures. Students also develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. The course emphasizes the importance of working individually and as a member of a group. A challenge for students following this course is to become aware of their own perspectives and biases and to learn to respect those of others. This requires willingness to attempt to understand alternative views, to respect and appreciate cultural diversity, and to have an open and critical mind.

**Prerequisites:** Enrolled in the IB Program or Teacher Approval  
**Course Number:** FABF31      **Credit:** 1 credit      **Grade Placement:** 11-12

### IB FILM HL (YEAR TWO)

This course fulfills the International Baccalaureate (IB) requirements for Group 6 Arts / Electives. Students will build on the skills and knowledge of IB Film SL.

**Prerequisites:** IB Film Standard Level Year One  
**Course Number:** FABF41      **Credit:** 1 credit      **Grade Placement:** 12



# FINE ARTS: THEATER ARTS



## THEATER ARTS I, II, III AND IV

These courses provide opportunities to become familiar with plays and playwrights, principles and practices of acting, directing, and playwriting, and some aspects of technical theater such as scenic, costume, lighting, sound, and make-up design. The elements to be studied are focused upon within the context of the world's great periods of theater history. Students may be required to attend rehearsals or performances outside of regular school hours. Courses must be taken in sequence.

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.

**Course Number:** FA1210, FA1211, FA1212, FA1213    **Credit:** 1-4 credits    **Grade Placement:** 9-12

## THEATER PRODUCTIONS I, II, III AND IV

This course provides practical hands-on experience in acting and stagecraft through the preparation and public performance of plays.

**Prerequisites:** Enrollment is by audition only.

**Course Number:** FA1206, FA1207, FA1208, FA1209    **Credit:** 1-4 credits    **Grade Placement:** 9-12

## TECH THEATER I, II, III AND IV

These courses familiarize the students with various aspects of technical theater such as lighting, set design, sound, make-up, and costumes. Students participate in research and design and work on technical crews for stage productions. Students may be required to attend rehearsals or performances outside of regular school hours. Courses must be taken in sequence.

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.

**Course Number:** FA1214, FA1215, FA1216, FA1217    **Credit:** 1-4 credits    **Grade Placement:** 9-12

## IB THEATRE SL & IB THEATRE HL (YEAR ONE)

This course fulfills the International Baccalaureate (IB) requirements for Group 6 Arts / Electives. Theatre is a practical subject that encourages discovery through experimentation, risk-taking and the presentation of ideas. The IB DP theatre course is multifaceted and gives students the opportunity to actively engage in theatre as creators, designers, directors and performers. It emphasizes working both individually and collaboratively as part of an ensemble. The teacher's role is to create opportunities that allow students to explore, learn, discover and collaborate to become autonomous, informed and skilled theatre-makers. Students learn to apply research and theory to inform and to contextualize their work. Through researching, creating, preparing, presenting and critically reflecting on theatre, they gain a richer understanding of themselves, their community and the world. Students experience the course from contrasting artistic and cultural perspectives. They learn about theatre from around the world, the importance of making theatre with integrity, and the impact that theatre can have on the world. It enables them to discover and engage with different forms of theatre across time, place and culture, promoting international-mindedness and an appreciation of the diversity of theatre.

**Prerequisites:** IB Enrolled in the IB Program or Teacher Approval

**Course Number:** FABT31 FABT33                      **Credit:** 1 credit                      **Grade Placement:** 11-12

## IB THEATRE HL (YEAR TWO)

This course fulfills the International Baccalaureate (IB) requirements for Group 6 Arts / Electives. Students will build on the skills and knowledge of IB Theatre HL Year One.

**Prerequisites:** IB Theatre HL (Year One)

**Course Number:** FABT41                      **Credit:** 1 credit                      **Grade Placement:** 12



## DANCE I, II, III AND IV

These courses emphasize cardiovascular and kinesthetic instruction through exposure to jazz, tap, ballet, modern, and folk dance.

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.

**Course Number:** FA1270, FA1271, FA1272, FA1273    **Credit:** 1-4 credits    **Grade Placement:** 9-12

## MODERN/CONTEMPORARY DANCE I,II,III AND IV

This course explores the technique and the theory of Contemporary and Modern Dance. Emphasis is placed on technique and the application of movement principles essential to the training of the dancer. In this course, different styles of contemporary and modern dance will be presented with an emphasis on improving dynamic alignment, developing integrated movement patterns and internal connections, rhythmic awareness and using dance as a form of expression, with emphasis on artistry through the contemporary aesthetic in performance.

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.    **Location:** CVPA

**Course Number:** FA1294, FA1295, FA1296, FA1297    **Credit:** 1-4 credits    **Grade Placement:** 9-12

## IB DANCE SL (YEAR ONE)

This course fulfills the International Baccalaureate (IB) requirements for Group 6 Arts / Electives. The IB DP dance course takes a holistic approach to dance, and embraces a variety of dance traditions and dance cultures—past, present and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers or those, more broadly, who seek life enrichment through dance. This course will fulfill the Texas graduation requirements for fine arts.

**Prerequisites:** Enrolled in the IB Program, Dance II, or Teacher Approval.

**Course Number:** FABD31    **Credit:** 1 credit    **Grade Placement:** 11-12

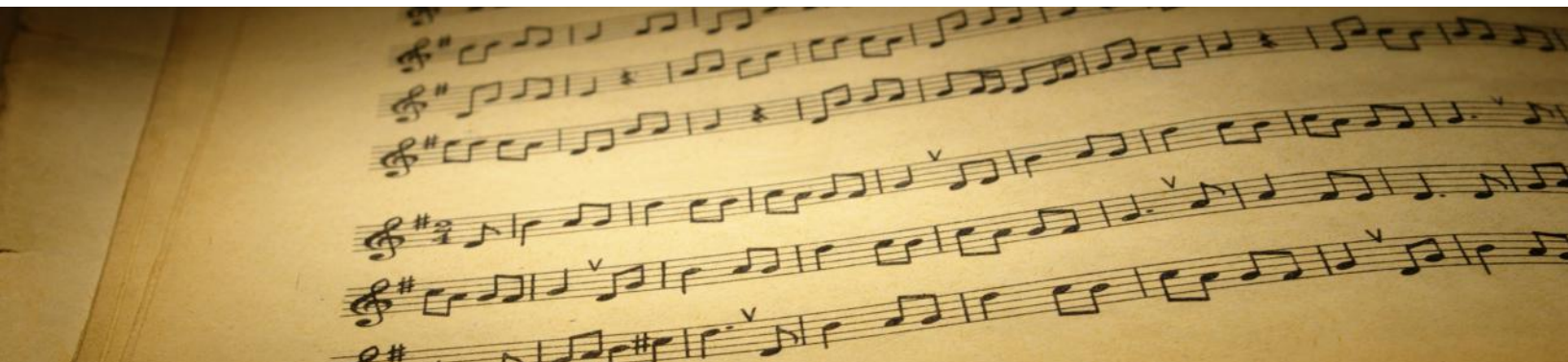
## IB DANCE HL (YEAR TWO)

This course fulfills the International Baccalaureate (IB) requirements for Group 6 Arts / Electives. Students will build on the skills and knowledge of IB Dance SL. This course will fulfill the Texas graduation requirements for fine arts.

**Prerequisites:** IB Dance SL (Year One)

**Course Number:** FABD41    **Credit:** 1 credit    **Grade Placement:** 12

# FINE ARTS: MUSIC



Honors Fine Arts Courses for Band, Choir, Orchestra and Theater are designed for the student interested in more rigor in their chosen Fine Arts discipline and as a potential career pathway. This course is only available in the 10-12 grade and requires approval from their fine arts instructor. Extensive research and outside of school day work is required. One Honors Fine Arts credit is allowed per year.

## VOICE ENSEMBLE I,II, III AND IV

This advanced select ensemble performs a wide variety of musical styles including traditional choral music, all-state repertoire, madrigals, show choir, jazz, swing, and popular music. Performance is stressed and some time is devoted to choreography. The name of such a group may differ with the high school in which it is organized. Students may be required to attend limited, occasional rehearsals outside regular school hours.

**Prerequisites:** Prior choral training and audition

**Course Number:** FA1230, FA1231, FA1232, FA1233      **Credit:** 1-4 credits      **Grade Placement:** 9-12

## CHORAL MUSIC I, II, III AND IV

These full year choir classes emphasize choral singing, music theory, listening, and performance. Ninth, tenth, eleventh, and twelfth grade students will comprise various classes according to achievement levels checked by audition. The classes may be composed of all males, all females, or mixed according to number and distribution of voices available. The names of these groups differ with the high schools in which they are organized and may participate in UIL competition. Students may be required to attend rehearsals outside regular school hours.

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.

**Course Number:** FA1235, FA1236, FA1237, FA1238      **Credit:** 1-4 credits      **Grade Placement:** 9-12

## BAND I, II, III, AND IV

These full year courses consist of marching, concert playing, sight-reading, solo work, small ensemble playing and individual instrumental technique. Public performance is stressed and many appearances are made throughout the year including concerts, pep rallies, football games, marching and concert contests. All students are auditioned for classes according to achievement levels, i.e. Symphonic or Honors Band, Concert Band, Cadet Band. Each fall semester that the student participated in Marching Band may substitute for one semester of PE. However, should a student drop from the Marching Band activity, they will resume PE to complete graduation requirements. Students in Band are required to attend rehearsals and performance events outside school hours.

**Prerequisites:** Audition

**Course Number:** FA1244, FA1245, FA1246, FA1247      **Credit:** 1-4 credits      **Grade Placement:** 9-12

## ORCHESTRA I, II, III, AND IV

These full year courses consist of marching, concert playing, sight-reading, solo work, small ensemble playing and individual instrumental technique. Public performance is stressed and many appearances are made throughout the year including concerts, pep rallies, football games, marching and concert contests. All students are auditioned for classes according to achievement levels, i.e. Symphonic or Honors Band, Concert Band, Cadet Band. Each fall semester that the student participated in Marching Band may substitute for one semester of PE. However, should a student drop from the Marching Band activity, they will resume PE to complete graduation requirements. Students in Band are required to attend rehearsals and performance events outside school hours.

**Prerequisites:** Audition

**Course Number:** FA1250, FA151, FA1252, FA1253      **Credit:** 1-4 credits      **Grade Placement:** 9-12

## JAZZ BAND I, II, III AND IV

This full year course is open only to members of the band who have a desire to play and who are capable of playing modern, popular, and/or jazz music. This course must be taken concurrently with BAND I, II, III, IV, or Orchestra I, II, III, or IV, unless the student plays only piano, guitar, or electric bass guitar. Students may be required to attend rehearsals or performances outside of regular school hours.

**Prerequisites:** Audition

**Course Number:** FA1260, FA1261, FA1262, FA1266      **Credit:** 1-4 credits      **Grade Placement:** 9-12

## MUSIC THEORY I

This full year course includes the basic fundamentals of musicianship, theory, musical materials, basic terminology, ear-training and sight-singing procedures. It also integrates interval studies and identification with simple melodic and harmonic dictation. A basic knowledge of the piano keyboard is recommended.

**Prerequisites:** Teacher Approval

**Course Number:** FA1263      **Credit:** 1 credit      **Grade Placement:** 9-12

## MUSIC HISTORY & LITERATURE

This full year course consists of the study and analysis of music history from primitive to modern eras. It is designed to enable the student to become familiar with the styles of various historical periods, countries, and composers. Students will gain an understanding of and appreciation for the great musical literature of the world, which are used to teach the styles, forms, and periods of history.

**Prerequisites:** None

**Course Number:** FA1264      **Credit:** 1 credit      **Grade Placement:** 9-12

## INSTRUMENTAL ENSEMBLE (BAND) I, II, III AND IV

This class must be taken concurrently with Band I, II, III, or IV unless the student has an academic scheduling conflict with the class period or the approval of the director. These courses consist of small and large ensemble as well as solo/individual performance techniques and fundamentals. Attention is given to music theory, listening, and elements of music history and literature. Classes may be divided by instrument families and/or according to Band classes. These classes are intended to reinforce, but not replace Band I - IV

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.

**Course Number:** FA1280, FA1281, FA1282, FA1283      **Credit:** 1-4 Credits      **Grade Placement:** 9-12



## MARIACHI ENSEMBLE I, II, III AND IV

This full year course consists of the study and analysis of music history from primitive to modern eras. It is designed to enable the student to become familiar with the styles of various historical periods, countries, and composers. Students will gain an understanding of and appreciation for the great musical literature of the world, which are used to teach the styles, forms, and periods of history.

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.

**Course Number:** FA1284, FA1285, FA1286, FA1287      **Credit:** 1-4 credits      **Grade Placement:** 9-12

## INSTRUMENTAL ENSEMBLE ORCHESTRA I, II, III AND IV

This class must be taken concurrently with Orchestra I, II, III, or IV, unless the student has an academic scheduling conflict with the class period or the approval of the director. These courses consist of small and large ensemble as well as solo/individual performance techniques and fundamentals. Attention is given to music theory, listening, and elements of music history and literature. Classes may be divided by instrument families and/or according to Orchestra classes. These classes are intended to reinforce, but not replace Orchestra I - IV.

**Prerequisites:** Audition

**Course Number:** FA1290, FA1291, FA1292, FA193      **Credit:** 1-4 Credits      **Grade Placement:** 9-12

## ADVANCED PLACEMENT MUSIC THEORY

The purpose of this course is to develop music skills and provide information that will lead to an understanding of the practice of music, especially for those considering a music major or minor in college. Students will gain knowledge of terminology, notation skills, harmonization through dictation, basic composition and analysis of the melodic line, ear-training and sight-singing skills. It is recommended students be an active member of choir, band or orchestra or have basic performance skills in voice or an instrument. After completing this course, students are encouraged to take the Advanced Placement Music Theory exam given by the College Board.

**Prerequisites:** Theory, Music Theory I or placement test, Campus Ensemble Director approval.

**Location:** CVPA

**Course Number:** FA1363      **Credit:** 1 credit      **Grade Placement:** 10-12

## MUSICAL INSTRUMENT REPAIR I, II

This class will focus on the repair and restoration of woodwind and brass instruments. Based on curriculum developed by Music and Arts, students will have the opportunity to repair instruments belonging to Arlington ISD in a very hands-on approach with some of the finest equipment and with unique tools to the repair instrument industry. They will learn the unique properties of wind instruments as well as common repair techniques including: dent removal, re-padding, cleaning and polishing, just to name a few. This course will count as an elective; there will be no Fine Arts credit awarded.

**Prerequisites:** FA4290: Previous experience with a musical instrument, 1credit.

**Location:** CVPA

FA4291: Completion of FA4290. This class is double blocked for 2 credits.

**Course Number:** FA4290, FA4291      **Credit:** 1-2 credits      **Grade Placement:** 11-12

## IB MUSIC SL (YEAR ONE FOR HL)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 6 Arts/Electives when taken in conjunction with Band, Choir, or Orchestra. Students' will explore a variety of music from different parts of the world and across time periods, while acquiring technical proficiency in theory through the study of musical elements. This course emphasizes working individually and collaboratively to become practitioners of music through creating, group and solo performance, and reflective practice. Students will study music theory, composition, and obtain general knowledge of music from different periods of both Western and non-Western cultures. This course will emphasize a performance component as well as written work. This course will fulfill the Texas graduation requirement for Fine Arts. This course may be taken as one-year SL, or as the first year of HL two year.

**Prerequisites:** Enrolled in the IB Program or Teacher Approval

**Course Number:** FABP31      **Credit:** 1 credit      **Grade Placement:** 11-12

## IB MUSIC HL (YEAR TWO)

This course fulfills the International Baccalaureate (IB) requirements for Group 6 Arts/Electives. Students will build on the musical skills and knowledge of IB Music SL. They will further develop their performance skills through solo music making and their compositional skills through exploration and investigation of musical elements.

**Prerequisites:** IB Music SL

**Course Number:** FABP41

**Credit:** 1 credit

**Grade Placement:** 12

## PIANO I, II, III and IV

This course is designed for pianists from beginner to advanced. Topics include piano keyboarding, music theory, reading music, and ear training. No experience needed for beginners. More advanced students will have the opportunity to grow in their performance skills.

**Prerequisites:** No prerequisite for the first level of the program however, students must progress through levels sequentially.

**Location:** CVPA

**Course Number:** FA1274, FA1275, FA1276, FA1277

**Credit:** 1 credit

**Grade Placement:** 9-12

# LANGUAGES OTHER THAN ENGLISH



Two credits of the same language are required for the Foundation High School Program. 4 levels in the same LOTE are required for an Arts and Humanities endorsement.

## LATIN I

Latin I is the first course of a recommended three-year sequence which focuses on the development of the student's ability to read Latin with comprehension. Vocabulary and grammar are studied in the context of reading passages into which cultural information has also been carefully integrated. Students learn how to pronounce Latin correctly in order to read passages or to answer simple questions about passages. Word derivations and Latin word elements are also studied to expand the student's English vocabulary. At the end of Level I, students of classical languages should reach a Novice High to Intermediate Low proficiency level in reading, a Novice Low to Novice Mid proficiency level in listening, a Novice Low to Novice Mid proficiency level in speaking, and a Novice Mid proficiency level in writing.

**Prerequisites:** None

**Course Number:** FL1211

**Credit:** 1 credit

**Grade Placement:** 9-12

## LATIN II

After a comprehensive review, the emphasis of Latin II is the continuation of the development of reading and comprehension skills. The learning of new vocabulary and more grammatical structures is emphasized as reading progresses to longer and more complicated passages. Oral Latin is a skill used to help students understand reading selections. Cultural and world studies continue to be an integral part of the course.

At the end of Level II, students of classical languages should reach an Intermediate Low to Intermediate Mid proficiency level in reading, a Novice Mid to Novice High proficiency level in listening, a Novice Mid proficiency level in speaking, and a Novice Mid to Novice High proficiency level in writing.

**Prerequisites:** Latin I

**Course Number:** FL1212

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED LATIN III

Latin III continues to emphasize the development of reading and comprehension skills as the students read more passages of adapted and authentic Latin. Reading passages will include selections in poetry and prose from authors such as Martial, Ovid, Pliny the Younger, Cicero, Catullus, Vergil, Petronius and Tacitus. Advanced grammatical forms, vocabulary, figures of speech and culture are integrated into the instruction. At the end of Level III, students of classical languages should reach an Intermediate High to Advanced Low proficiency level in reading, a Novice High proficiency level in listening, a Novice Mid to Novice High proficiency level in speaking, and a Novice Mid to Novice High proficiency level in writing.

**Prerequisites:** Latin II

**Course Number:** FL1313

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED PLACEMENT LATIN

This is a college level course that allows students to hone their skills in reading, translating, and analyzing Latin texts, as well as to demonstrate historical and cultural understanding, make connections with other disciplines, and compare Latin usage with that of English. The course uses the literatures of Vergil and Caesar as a base and teaches students to read with critical, historical, and literary sensitivity. After completing this course, students are encouraged to take the Advanced Placement Latin exam given by the College Board. At the end of this course students should reach an Advanced Low to Advanced Mid proficiency level in reading, a Novice High proficiency level in listening, a Novice Mid to Novice High proficiency level in speaking, and a Novice Mid to Novice High proficiency level in writing.

**Prerequisites:** Latin III

**Course Number:** FL1314

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB LATIN SL (YEAR ONE)

This course will fulfill the first year of the International Baccalaureate (IB) curriculum requirements for Group 2 Language B (Second Language). The classical languages standard level (SL) course can be taken in Latin. The course provides students with the opportunity to study a historically significant language that is also embedded in many modern languages. The DP classical languages course provides an opportunity for students to explore the languages, literatures and cultures of ancient Rome. The study of classical languages gives important insights into the cultures that produced them, and leads to a greater understanding of contemporary languages, literature and cultures. Fundamentally, the study of classical languages trains the mind, developing skills of critical thought, memory and close analysis, as well as an appreciation of the beauty and power of language. It is a fundamental principle that the texts be studied in their original language. Linguistic skills lie at the heart of the course, since it is through a deep understanding of the workings of a language that true intellectual contact can be made with the peoples of the past. Students learn to translate and study different genres of classical texts, examining the ideas in these works and their artistry within their historical, political and cultural contexts. Teachers explicitly teach thinking and research skills such as comprehension, text analysis, transfer, and use of primary sources. Students must continue with IB Latin IV in the senior year.

**Prerequisites:** Enrolled in the IB Program, Latin I and Latin II

**Course Number:** FLB331

**Credit:** 1 credit

**Grade Placement:** 11

## IB LATIN SL (YEAR TWO)

This course is a continuation of IB Latin SL (Year One) and will fulfill the International Baccalaureate (IB) curriculum requirements for Group 2 Language B (Second Language). It will focus on the skills and content of IB Latin SL (Year One) with an increased emphasis on higher level language production.

**Prerequisites:** Enrolled in the IB Program, IB Latin SL (Year One)

**Course Number:** FLB341

**Credit:** 1 credit

**Grade Placement:** 12

## FRENCH I

French I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The study of beginning level vocabulary, phonetics and grammar is included. The culture and civilization of the French speaking world is integrated into all aspects of the course. Level I students are expected to reach a proficiency level of Novice Mid to Novice High. Students at the Novice High proficiency level express meaning in simple, predictable contexts through the use of learned and recombined phrases and short sentences. They are best able to understand sentence-length information within highly contextualized situations and sources. Novice High students may generally be understood by sympathetic listeners and readers accustomed to dealing with language learners. Novice High students are consistently successful when performing Novice-level tasks. Novice High students show evidence of Intermediate Low proficiency but lack consistency.

**Prerequisites:** None

**Course Number:** FL1221

**Credit:** 1 credit

**Grade Placement:** 9-12

## FRENCH II

The second year of French is a continuation of the development of the three modes of communication. New vocabulary and more complex grammatical structures are learned along with important cultural topics. Level II students are expected to reach a proficiency level of Novice High to Intermediate Mid. Students at the Intermediate Mid proficiency level express meaning in straightforward and personal contexts by easily combining and recombining what they know, what they read, and what they hear in short statements and a mixture of sentences and strings of sentences. Intermediate Mid students are able to understand some information from connected statements in oral or written sources. Intermediate Mid students are generally understood by sympathetic listeners and readers accustomed to dealing with language learners. Intermediate Mid students are consistently successful when performing Intermediate-level tasks.

**Prerequisites:** French I

**Course Number:** FL1222

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED FRENCH III

The emphasis of French III is the strengthening of the three modes of communication. The French III student will read and discuss a variety of cultural and literary selections. A more sophisticated use of French will be fostered through writing and conversational opportunities. Level III students are expected to reach a proficiency level of Intermediate Mid to Intermediate High. Students at the Intermediate High proficiency level express meaning in a variety of contexts by creating with the language, easily combining and recombining what they know, what they read, and what they hear in a mixture of sentences and connected discourse. Intermediate High students are able to understand information from connected statements in oral or written sources. Intermediate High students are generally understood by listeners and readers unaccustomed to dealing with language learners. Intermediate High students are consistently successful when performing Intermediate-level tasks. Intermediate High students show evidence of Advanced Low proficiency but lack consistency.

**Prerequisites:** French II

**Course Number:** FL1323

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE

The Advanced Placement French Language course is the equivalent of a third-year college course in advanced French composition and conversation. It encompasses aural/oral skills, reading comprehension, grammar and composition. The course will emphasize the use of French for active communication and has the following objectives: 1) the ability to comprehend formal and informal spoken French; 2) the acquisition of vocabulary and a grasp of language structure to allow the easy, accurate reading of newspaper and magazine articles as well as modern literature in French; 3) the ability to compose expository passages; and 4) the ability to express ideas orally with accuracy and fluency. This course prepares students for the French Language Advanced Placement Exam as well as other college/university placement exams. Students in Advanced Placement French Language and Culture should reach the Intermediate High or Advanced Mid level by the end of the course.

**Prerequisites:** French III

**Course Number:** FL1324

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB AB INITIO I SL (FRENCH)

The IB DP language ab initio course is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The language ab initio course develops students' linguistic abilities through the development of receptive, productive and interactive skills by providing them opportunities to respond and interact appropriately in a defined range of everyday situations. Language ab initio is available at standard level only.

**Course Number:** FLB436

**Credit:** 1 credit

**Grade Placement:** 9-12



## IB AB INITIO II SL (FRENCH)

This course will be a continuation of the studies in IB Ab Initio French I SL.

**Prerequisites:** IB Ab Initio I SL (French)

**Course Number:** FLB446

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB FRENCH YEAR ONE SL

This course will fulfill the first year of the International Baccalaureate (IB) curriculum requirements for Group 2 Language B (Second Language). This course will provide students with the skills needed to create language for communication: listening, speaking, reading, and writing. The cultures of French-speaking countries are integrated throughout the course, resulting in the student making connections and obtaining a global perspective.

**Prerequisites:** French I & II and assessment of proficiency level (Intermediate Low to Intermediate Mid Proficiency or IB Language Ab Initio in the corresponding language)

**Course Number:** FLB131

**Credit:** 1 credit

**Grade Placement:** 10-12

## IB FRENCH YEAR TWO SL

This course is a continuation of IB French Year one SL and will fulfill the International Baccalaureate (IB) curriculum requirements for Group 2 Language B (Second Language). It will focus on the skills and content of IB French Year one with an increased emphasis on higher level language production, both oral and written.

**Prerequisites:** IB French Year One SL or Advanced French III

**Course Number:** FLB141

**Credit:** 1 credit

**Grade Placement:** 11-12

## GERMAN I

German I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The study of beginning level vocabulary, phonetics and grammar is included. The culture and civilization of the German speaking world is integrated into all aspects of the course. Level I students are expected to reach a proficiency level of Novice Mid to Novice High. Students at the Novice High proficiency level express meaning in simple, predictable contexts through the use of learned and recombined phrases and short sentences. They are best able to understand sentence-length information within highly contextualized situations and sources. Novice High students may generally be understood by sympathetic listeners and readers accustomed to dealing with language learners. Novice High students are consistently successful when performing Novice-level tasks. Novice High students show evidence of Intermediate Low proficiency but lack consistency.

**Prerequisites:** None

**Course Number:** FL1231

**Credit:** 1 credit

**Grade Placement:** 9-12

## GERMAN II

The second year of German is a continuation of the development of the three modes of communication. New vocabulary and more complex grammatical structures are learned along with important cultural topics. Level II students are expected to reach a proficiency level of Novice High to Intermediate Mid. Students at the Intermediate Mid proficiency level express meaning in straightforward and personal contexts by easily combining and recombining what they know, what they read, and what they hear in short statements and a mixture of sentences and strings of sentences. Intermediate Mid students are able to understand some information from connected statements in oral or written sources. Intermediate Mid students are generally understood by sympathetic listeners and readers accustomed to dealing with language learners. Intermediate Mid students are consistently successful when performing Intermediate-level tasks.

**Prerequisites:** German I

**Course Number:** FL1232

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED GERMAN III

The emphasis of German III is the strengthening of the three modes of communication. The German III student will read and discuss a variety of cultural and literary selections. A more sophisticated use of German will be fostered through writing and conversational opportunities. Level III students are expected to reach a proficiency level of Intermediate Mid to Intermediate High. Students at the Intermediate High proficiency level express meaning in a variety of contexts by creating with the language, easily combining and recombining what they know, what they read, and what they hear in a mixture of sentences and connected discourse. Intermediate High students are able to understand information from connected statements in oral or written sources. Intermediate High students are generally understood by listeners and readers unaccustomed to dealing with language learners. Intermediate High students are consistently successful when performing Intermediate-level tasks. Intermediate High students show evidence of Advanced Low proficiency but lack consistency.

**Prerequisites:** German II

**Course Number:** FL1333

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED PLACEMENT GERMAN LANGUAGE AND CULTURE

The AP German Language and Culture course emphasizes communication (understanding and being understood by others) by applying the Interpersonal, Interpretive, and Presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP German Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in German. After completing this course, students are encouraged to take the Advanced Placement German Language and Culture exam given by the College Board. Students in Advanced Placement German Language and Culture should reach the Intermediate High to Advanced Mid proficiency level by the end of the course.

**Prerequisites:** German III

**Course Number:** FL1334

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB AB INITIO I SL (GERMAN)

The IB DP language ab initio course is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The language ab initio course develops students' linguistic abilities through the development of receptive, productive and interactive skills by providing them opportunities to respond and interact appropriately in a defined range of everyday situations. Language ab initio is available at standard level only.

**Course Number:** FLB437

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB AB INITIO II SL (GERMAN)

This course will be a continuation of the studies in IB Ab Initio Spanish I SL. Students must continue with IB Ab Initio II in the senior year.

**Prerequisites:** IB Ab Initio I SL (German)

**Course Number:** FLB447

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB GERMAN YEAR ONE SL

This course will fulfill the first year of the International Baccalaureate (IB) curriculum requirements for Group 2 Language B (Second Language). This course will provide students with the skills needed to create language for communication: listening, speaking, reading, and writing. The cultures of German-speaking countries are integrated throughout the course, resulting in the student making connections and obtaining a global perspective.

**Prerequisites:** German I and German II and assessment of proficiency level (Intermediate Low to Intermediate Mid Proficiency or IB Language Ab Initio in the corresponding language)

**Course Number:** FLB231

**Credit:** 1 credit

**Grade Placement:** 10-12

## IB GERMAN YEAR TWO SL

This course is a continuation of IB German year one SL and will fulfill the International Baccalaureate (IB) curriculum requirements for Group 2 Language B (Second Language). It will focus on the skills and content of IB German III with an increased emphasis on higher level language production, both oral and written.

**Prerequisites:** IB German Year One or Advanced German III

**Course Number:** FLB241

**Credit:** 1 credit

**Grade Placement:** 11-12

## SPANISH I

Spanish I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The study of beginning level vocabulary, phonetics and grammar is included. The culture and civilization of the Spanish-speaking world is integrated into all aspects of the course. Level I students are expected to reach a proficiency level of Novice Mid to Novice High. Students at the Novice High proficiency level express meaning in simple, predictable contexts through the use of learned and recombined phrases and short sentences. They are best able to understand sentence-length information within highly contextualized situations and sources. Novice High students may generally be understood by sympathetic listeners and readers accustomed to dealing with language learners. Novice High students are consistently successful when performing Novice-level tasks. Novice High students show evidence of Intermediate Low proficiency but lack consistency.

**Prerequisites:** None

**Course Number:** FL1241

**Credit:** 1 credit

**Grade Placement:** 9-12

## SPANISH II

The second year of Spanish is a continuation of the development of the three modes of communication. New vocabulary and more complex grammatical structures are learned along with important cultural topics. Level II students are expected to reach a proficiency level of Novice High to Intermediate Mid. Students at the Intermediate Mid proficiency level express meaning in straightforward and personal contexts by easily combining and recombining what they know, what they read, and what they hear in short statements and a mixture of sentences and strings of sentences. Intermediate Mid students are able to understand some information from connected statements in oral or written sources. Intermediate Mid students are generally understood by sympathetic listeners and readers accustomed to dealing with language learners. Intermediate Mid students are consistently successful when performing Intermediate-level tasks.

**Prerequisites:** Spanish I

**Course Number:** FL1242

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED SPANISH III

The emphasis of Spanish III is the strengthening of the three modes of communication. The Spanish III student will read and discuss a variety of cultural and literary selections. A more sophisticated use of Spanish will be fostered through writing and conversational opportunities. Level III students are expected to reach a proficiency level of Intermediate Mid to Intermediate High. Students at the Intermediate High proficiency level express meaning in a variety of contexts by creating with the language, easily combining and recombining what they know, what they read, and what they hear in a mixture of sentences and connected discourse. Intermediate High students are able to understand information from connected statements in oral or written sources. Intermediate High students are generally understood by listeners and readers unaccustomed to dealing with language learners. Intermediate High students are consistently successful when performing Intermediate-level tasks. Intermediate High students show evidence of Advanced Low proficiency but lack consistency.

**Prerequisites:** Spanish II

**Course Number:** FL1343

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

The Advanced Placement Spanish Language course is the equivalent of a third-year college course in advanced Spanish composition and conversation. It encompasses aural/oral skills, reading comprehension, grammar and composition. The course will emphasize the use of Spanish for active communication and has the following objectives: 1) the ability to comprehend formal and informal spoken Spanish; 2) the acquisition of vocabulary and a grasp of language structure to allow the easy, accurate reading of newspaper and magazine articles as well as modern literature in Spanish; 3) the ability to compose expository passages; and 4) the ability to express ideas orally with accuracy and fluency. This course prepares students for the Spanish Language Advanced Placement Exam as well as other college/university placement exams. Students in Advanced Placement Spanish Language and Culture should reach the Intermediate High or Advanced Mid level by the end of the course.

**Prerequisites:** Spanish III

**Course Number:** FL1344

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE

The Advanced Placement Spanish Literature and Culture course is conducted in Spanish. It uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism). After completing this course, students are encouraged to take the Advanced Placement Spanish Literature and Culture exam given by the College Board. Students in Advanced Placement Spanish Literature and Culture should reach the Advanced Mid proficiency level by the end of the course.

**Prerequisites:** AP Spanish Language and Culture

**Course Number:** FL1346

**Credit:** 1 credit

**Grade Placement:** 10-12

## IB AB INITIO I SL (SPANISH)

The IB DP language ab initio course is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The language ab initio course develops students' linguistic abilities through the development of receptive, productive and interactive skills by providing them opportunities to respond and interact appropriately in a defined range of everyday situations. Language ab initio is available at standard level only.

**Course Number:** FLB435

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB AB INITIO II SL (SPANISH)

This course will be a continuation of the studies in IB Ab Initio Spanish I SL. Students must continue with IB Ab Initio II in the senior year.

**Prerequisites:** IB Ab Initio I SL (Spanish)

**Course Number:** FLB445

**Credit:** 1 credit

**Grade Placement:** 9-12

## IB SPANISH YEAR ONE SL

This course will fulfill the first year of the International Baccalaureate (IB) curriculum requirements for Group 2 Language B (Second Language). This course will enable the student to understand and use the language appropriately, with an emphasis on language, cultural interaction and communication through the student’s writing, speaking, listening and reading. Students will develop an awareness of the languages and the cultures of the Spanish-speaking world, resulting in the student making connections and obtaining a global perspective. Students not testing their junior year must continue with IB Spanish IV in the senior year.

**Prerequisites:** Spanish I & II and assessment of proficiency level (Intermediate Low to Intermediate Mid Proficiency or IB Language Ab Initio in the corresponding language)

**Course Number:** FLB431                                 **Credit:** 1 credit                                 **Grade Placement:** 9-12

## IB SPANISH YEAR TWO SL

This course will be a continuation of the studies in IB Spanish Year One SL. The emphasis will be on oral and written communications.

**Prerequisites:** IB Spanish Year One SL, Advanced Spanish III or AP Spanish

**Course Number:** FLB441                                 **Credit:** 1 credit                                 **Grade Placement:** 11-12

## IB SPANISH YEAR TWO HL

The emphasis of this course will be to reach a higher level on oral and written communications.

**Prerequisites:** IB Spanish Year One SL or AP Spanish

**Course Number:** FLB471                                 **Credit:** 1 credit                                 **Grade Placement:** 12

## AMERICAN SIGN LANGUAGE I

American Sign Language 1 is an introduction to the language and to American deaf culture. The main emphasis is on communication, both receptive and expressive. Students will recognize the interrelationships of languages and develop a cultural appreciation of the Deaf world. The course is conducted primarily in ASL (voice off). Students should achieve the following proficiency levels: 1) Interpersonal receptive: Novice Mid; 2) Interpersonal expressive: Novice Mid; 3) Interpretive receptive: Novice High; and 4) Presentational expressive: Novice High.

**Prerequisites:** None

**Course Number:** FL1271                                 **Credit:** 1 credit                                 **Grade Placement:** 9-12

## AMERICAN SIGN LANGUAGE II

American Sign Language II allows students to continue to develop receptive and expressive skills and also allows them to expand their vocabulary and repertoire of grammatical structures. Alongside this additional language development, students continue to explore deaf culture. The course is conducted almost entirely in ASL (voice off). Students should achieve the following proficiency levels: 1) Interpersonal receptive: Novice Mid; 2) Interpersonal expressive: Intermediate Low; 3) Interpretive receptive: Intermediate Low; and 4) Presentational expressive: Intermediate Mid.

**Prerequisites:** American Sign Language I

**Course Number:** FL1272                                 **Credit:** 1 credit                                 **Grade Placement:** 10-12



### AMERICAN SIGN LANGUAGE III

American Sign Language III is a course where students continue to build their receptive and expressive skills by adding additional grammatical features such as location classifiers, quantifiers, and spatial agreement. The course is taught entirely in ASL (voice off). Students should achieve the following proficiency levels: 1) Interpersonal receptive: Intermediate Mid; 2) Interpersonal expressive: Advanced Low; 3) Interpretive receptive: Intermediate Low; and 4) Presentational expressive: Advanced Low.

**Prerequisites:** American Sign Language II

**Course Number:** FL1273

**Credit:** 1 credit

**Grade Placement:** 11-12

### AMERICAN SIGN LANGUAGE IV

American Sign Language IV allows students to study ASL poetry and literature as well as Deaf history, culture, and community. This course is entirely in ASL (voice off.) Students further their sign fluency through involvement with the Deaf community. Students also explore professions which utilize ASL skills, along with laws and rights related to Americans with disabilities. Students should achieve the following proficiency levels: 1) Interpersonal receptive: Intermediate High; 2) Interpersonal expressive: Advanced High; 3) Interpretive receptive: Intermediate High; and 4) Presentational expressive: Advanced High.

**Prerequisites:** American Sign Language III

**Course Number:** FL1274

**Credit:** 1 credit

**Grade Placement:** 12

# ENGLISH LANGUAGE ARTS



## ENGLISH I SOL

Objectives and expectations are identical to those of English I. Emphasis is placed on vocabulary expansion, written and oral communication, reading comprehension and attentive listening. This course is designed to accelerate the non-English speaking student's social and academic English language acquisition. Course content is adapted and scaffolded as appropriate for student language proficiency levels. End of Course (EOC) tested. This course is designed for beginning to intermediate English-speaking students.

**Prerequisites:** Concurrent enrollment in Immigrant Support I (ES1222).

**Course Number:** ES1218

**Credit:** 1 credit

**Grade Placement:** 9-12

## ENGLISH II SOL

Objectives and expectations are identical to those of English II. Emphasis is placed on vocabulary expansion, written and oral communication, reading comprehension and attentive listening. This course is designed to accelerate the non-English speaking student's social and academic English language acquisition. Course content is adapted and scaffolded as appropriate for student language proficiency levels. End of Course (EOC) tested. This ESOL course is designed for beginning to intermediate English-speaking students.

**Prerequisites:** Concurrent enrollment in Immigrant Support II (ES1223)

**Course Number:** ES1219

**Credit:** 1 credit

**Grade Placement:** 10-12

## ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION I

The course will provide instructional opportunities for recent immigrant students with limited English proficiency. Through comprehensible input, students will accelerate second language acquisition and will be challenged to apply higher order thinking skills in all four language domains. Emphasis is placed on word recognition, vocabulary, comprehension strategies and fluency in order to provide students opportunities to listen, speak, read, and write with confidence. This course must be taken concurrently with a corequisite language arts course. This course is designed for beginning to intermediate English-speaking students with less than 3 years in the US.

**Prerequisites:** Concurrent enrollment in English I SOL or English language arts course

**Course Number:** ELDA1222

**Credit:** 1 credit

**Grade Placement:** 9-12

## ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION II

The course will provide instructional opportunities for recent immigrant students with limited English proficiency. Through comprehensible input, students will accelerate second language acquisition and will be challenged to apply higher order thinking skills in all four language domains. Emphasis is placed on word recognition, vocabulary, comprehension strategies and fluency in order to provide students opportunities to listen, speak, read, and write with confidence. This course must be taken concurrently with a corequisite language arts course. This course is designed for beginning to intermediate English-speaking students with less than 3 years in the US.

**Prerequisites:** This course is designed for beginning to intermediate English-speaking students.

**Course Number:** ELDA1223 **Credit:** 1 credit **Grade Placement:** 10-12

## READING I, II & III

These courses are designed to help students become more skillful readers. Emphasis is placed on reading strategies which enhance reading skills and reading comprehension, vocabulary development, skills for standardized testing, and an appreciation for reading all types of texts. (A special section is set aside for students identified as dyslexic. Students can only be placed into this section at parent request and counselor approval.) Some instruction is individualized and students may enter either semester for a half-year or full-year program. A maximum of three credits in reading will apply toward graduation.

**Prerequisites:** Course LA1273 for Course LA1274 Course LA1274 for Course LA1275

**Course Number:** LA1273, LA1274, LA1275 **Credit:** 1/2 to 1 credit **Grade Placement:** 10

## COLLEGE READINESS AND STUDY SKILLS

This one-semester course is an SAT preparation course that emphasizes vocabulary development, writing skills, and comprehension skills needed to excel on the SAT. The curriculum also provides practice in improving reading rate, reading flexibility, and study skills needed for college success.

**Prerequisites:** None

**Course Number:** LA1276 **Credit:** 1/2 credit **Grade Placement:** 10-12

## ENGLISH I REGULAR

Through a broad study of various types of world literature, the student will learn to analyze a variety of literary genres. This course integrates oral and written conventions, listening and speaking skills, and integrates the study of literature, reading analysis, response, vocabulary development, media literacy, and research skills. The course also focuses on the attainment of grammar and vocabulary skills through analytical thinking. (English I SOL may be substituted for this class on all graduation plans only for immigrant students with limited English Proficiency). End of Course (EOC) tested.

**Prerequisites:** Course LA1273 for Course LA1274. Course LA1274 for Course LA1275

**Course Number:** LA1210 **Credit:** 1 credit **Grade Placement:** 9

## ADVANCED ENGLISH I

Advanced English I will focus on the same TEKS prescribed by the State of Texas for the grade level but will emphasize advanced application of reading and writing skills. Students will be challenged to become critical thinkers through analysis, synthesis, and evaluation of higher order thinking with instruction designed at a greater depth in order to prepare for Advanced Placement (AP), International Baccalaureate (IB), and/or Dual Credit courses. These courses are designed for students who show an advanced aptitude in reading and writing.

**Prerequisites:** None

**Course Number:** LA1310 **Credit:** 1 credit **Grade Placement:** 9

## ENGLISH II REGULAR

Through a broad study of various types of world literature, the student will learn to analyze a variety of literary genres. This course integrates oral and written conventions, listening and speaking skills, and integrates the study of literature, reading analysis, response, vocabulary development, media literacy, and research skills. The course also focuses on the attainment of grammar and vocabulary skills through analytical thinking. (English II SOL may be substituted for this class on all graduation plans only for immigrant students with limited English Proficiency.) End of Course (EOC) tested.

**Prerequisites:** English I

**Course Number:** LA1220

**Credit:** 1 credit

**Grade Placement:** 10

## ADVANCED ENGLISH II

Advanced English I will focus on the same TEKS prescribed by the State of Texas for the grade level but will emphasize advanced application of reading and writing skills. Students will be challenged to become critical thinkers through analysis, synthesis, and evaluation of higher order thinking with instruction designed at a greater depth in order to prepare for Advanced Placement (AP), International Baccalaureate (IB), and/or Dual Credit courses. These courses are designed for students who show an advanced aptitude in reading and writing.

**Prerequisites:** None

**Course Number:** LA1320

**Credit:** 1 credit

**Grade Placement:** 10

## ENGLISH III REGULAR

Through a broad study of various types of American literature, the student will learn to analyze a variety of literary genres. This course integrates oral and written conventions, listening and speaking skills, and integrates the study of literature, reading analysis, response, vocabulary development, media literacy, and research skills. This course incorporates the analysis of a variety of works from significant American writers including historical documents. Analysis and research are stressed in this course.

**Prerequisites:** English II

**Course Number:** LA1230

**Credit:** 1 credit

**Grade Placement:** 11

## ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

This course, which focuses on rhetoric, challenges advanced students to complete college preparatory work by integrating units according to chronology, genre, and theme in American Literature and by utilizing those writing skills necessary to respond to literary and nonfiction works extemporaneously. The necessary components of grammar, persuasion, and argumentation needed for success in college are reviewed. Application of abstract and analytical thinking skills, advanced vocabulary, and research skills are stressed. After completing this course, students are encouraged to take the Advanced Placement English Language and Composition exam.

**Prerequisites:** None

**Course Number:** LA1330

**Credit:** 1 credit

**Grade Placement:** 11

## ENGLISH IV REGULAR

Through a broad study of various types of British literature, the student will learn to analyze a variety of literary genres. This course integrates oral and written conventions, listening and speaking skills, and integrates the study of literature, reading analysis, response, vocabulary development, media literacy, and research skills. This course incorporates the analysis of a variety of works from significant British writers and includes intensive writing instruction, critical thinking, reading, and writing skills necessary for college readiness.

**Prerequisites:** English III

**Course Number:** LA1240

**Credit:** 1 credit

**Grade Placement:** 12

## ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

This advanced, college-level course is a chronological study of world and European literature presented from college-level texts. Through analytical, oral, and written examinations of poetry, essays, short stories, drama, and the novel, the student explores the nature of society. After completing this course, students are encouraged to take the Advanced Placement English Literature and Composition exam given by the College Board.

**Prerequisites:** Application Required

**Course Number:** LA1340

**Credit:** 1 credit

**Grade Placement:** 12

## HUMANITIES

This course concentrates on exposing the student to the creative achievements in literature, art, architecture, music and philosophy (LAMP) throughout Western Civilization. Critical thinking skills are developed through analysis of the relationship of these creative forms of expression through reading, written and oral response, class discussion, and audio/visual presentations. Concert and museum field trips after school will be encouraged.

**Prerequisites:** None

**Course Number:** LA1260

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## LITERARY GENRES D: WORLD LITERATURE

This course, a survey of British literature, integrates writing and language concepts and skills as well as literature and reading concepts and skills. This course includes intensive writing instruction and provides the critical thinking, reading, and writing skills necessary for college entrance.

**Prerequisites:** English III

**Course Number:** LA1261

**Credit:** 1/2 credit

**Grade Placement:** 11-12

## LITERARY GENRES A: SHAKESPEARE

This is a literature-intensive course aimed at, but not limited to, the college-bound senior. The course offers a comprehensive view of the origins and history of the Elizabethan age, and of the modern English language through a focus on the major literary types of this period, including the ballad, the sonnet, and drama. Extensive study is made of the plots, themes, and other literary devices of selected tragedies and comedies of William Shakespeare, which are read during the semester. Student writing is emphasized through literary analysis of plays.

**Prerequisites:** English III

**Course Number:** LA1262

**Credit:** 1/2 credit

**Grade Placement:** 12

## LITERARY GENRES C: PHILOSOPHY

This course explores the creative ideas that have shaped our culture from the Ancient Greek Pre-Socrates, Plato, and Aristotle, to the twentieth-century existentialists. With the core consisting of Western ideas, time will also be devoted to exploring our parallels with Asian and Middle Eastern philosophies. The student's thinking skills will be sharpened through lecture and dialogue as we examine how our worldview and society have been shaped by great thinkers.

**Prerequisites:** None

**Course Number:** LA1267

**Credit:** 1/2 credit

**Grade Placement:** 10-12



## LITERARY GENRES B: WOMEN'S LITERARY VOICES

This course offers an opportunity to read and explore several literary works by and/or about women. The poems, stories, essays, and novels covered in this course provide valuable insights into the changing role of women in literature and offer a sharply focused perspective on what it means to be a contemporary woman.

**Prerequisites:** English II

**Course Number:** LA1269

**Credit:** 1/2 credit

**Grade Placement:** 11-12

## PRACTICAL WRITING SKILLS

This course is designed to increase the student's ability to use English effectively in practical situations. It emphasizes sentence structure, grammar, vocabulary, and different forms of oral and written communication needed to function in the business world. The reading assignments are directed toward the need for clear communication.

**Prerequisites:** English III

**Course Number:** LA1263

**Credit:** 1/2 to 1 credit

**Grade Placement:** 12

## CREATIVE/IMAGINATIVE WRITING

This writing course is designed especially to challenge the imagination and creativity of the student by encouraging spontaneity of expression by increasing awareness of the power of language, and by refining the individual original characteristics of language style in such literary types as short stories, poetry and nonfiction writing.

**Prerequisites:** None

**Course Number:** LA1264

**Credit:** 1/2 credit

**Grade Placement:** 11-12

## INDEPENDENT STUDY: ACADEMIC DECATHLON

This writing course is designed especially to challenge the imagination and creativity of the student by encouraging spontaneity of expression by increasing awareness of the power of language, and by refining the individual original characteristics of language style in such literary types as short stories, poetry and nonfiction writing.

**Prerequisites:** Teacher approval

**Course Number:** LA1380, LA1381,  
LA1382

**Credit:** 1/2 to 1 credit

**Grade Placement:** 10-12

## IB ENGLISH III HL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 1 Language A. This rigorous pre-university program will draw from the literary heritage of English in addition to offering the international perspective of world literature. Students will read works selected from IB recommended reading lists and will demonstrate oral and written competencies based on IB standards. This course will fulfill the Texas graduation requirements for English III. This course must be followed by IB English IV Higher level (HL) in the senior year.

**Prerequisites:** Enrolled in the IB Program, English II

**Course Number:** LAB131

**Credit:** 1 credit

**Grade Placement:** 11

## IB ENGLISH IV HL (YEAR TWO)

This course is a continuation of IB English III and will fulfill the International Baccalaureate (IB) requirements for Group 1 Language A HL. Students will continue to improve their proficiency in literary analysis and oral and written communication. This course will fulfill the Texas graduation requirements for English IV.

**Prerequisites:** IB English III

**Course Number:** LAB141

**Credit:** 1 credit

**Grade Placement:** 12

## IB ENGLISH III LANGUAGE AND LITERATURE HL

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 1 Language A. The English Language and Literature course aims to develop students' appreciation and use of the English language through the study of literature, as well as non-fiction texts. Students develop their reading, writing, and speaking abilities in a variety of contexts, focusing in particular on the language of the texts they study to become aware of the role of each text's wider context in shaping its meaning. Texts are chosen from a variety of sources, genres and media. The course is designed to be flexible - teachers have the opportunity to construct it in a way that reflects the interests and concerns that are relevant to their students while developing in students a range of transferable skills. This course will fulfill the Texas graduation requirements for English III and must be followed by IB English IV Higher Level (HL) in the senior year.

**Prerequisites:** English II

**Course Number:** LAB131

**Credit:** 1 credit

**Grade Placement:** 11

## IB ENGLISH IV LANGUAGE AND LITERATURE HL

This course is a continuation of IB English III and will fulfill the International Baccalaureate (IB) requirements for Group 1 Language A HL. Students will continue to improve their proficiency in literary analysis and oral and written communication. This course will fulfill the Texas graduation requirements for English IV.

**Prerequisites:** IB English III

**Course Number:** LAB141

**Credit:** 1 credit

**Grade Placement:** 12

## THEORY OF KNOWLEDGE

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Theory of Knowledge. This course challenges students to reflect critically on diverse ways of knowing and areas of knowledge, and to consider the role which knowledge plays in the global society. This course is meant to encourage students to become aware of themselves as thinkers, to become aware of the complexity of knowledge, and to recognize the need to act responsibly in an increasingly interconnected world. This course is taken the spring of the junior year and the fall of the senior year. This course is required for the IB Diploma.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** LAB231

**Credit:** 1 credit

**Grade Placement:** 11-12

## IB ENGLISH IV LANGUAGE AND LITERATURE HL

This course is a continuation of IB English III and will fulfill the International Baccalaureate (IB) requirements for Group 1 Language A HL. Students will continue to improve their proficiency in literary analysis and oral and written communication. This course will fulfill the Texas graduation requirements for English IV.

**Prerequisites:** IB English III

**Course Number:** LAB141

**Credit:** 1 credit

**Grade Placement:** 12

# SPEECH / COMMUNICATIONS



## COMMUNICATION APPLICATIONS

In this course students are expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

**Prerequisites:** None

**Course Number:** LA1279

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## ORAL INTERPRETATION I

This course is an introduction to the analysis and performance of poetry, prose, dramatic and humorous literature, duet acting and original oratory. Students prepare for UIL competition and TFA State qualifying tournaments. UIL, TFA, or NFL tournament competition is at the discretion of the Director of Forensics.

**Prerequisites:** None

**Course Number:** LA1281

**Credit:** 1 credit

**Grade Placement:** 9-12

## ORAL INTERPRETATION II

This course emphasizes advanced poetry, prose, dramatic and humorous literature, duet acting, and original oratory. Students will compete in UIL contests and TFA state qualifying tournaments. Students are required to compete in two tournaments per semester.

**Prerequisites:** Oral Interpretation I and Approval of the Director of Forensics

**Course Number:** LA1282

**Credit:** 1 credit

**Grade Placement:** 10-12

## ORAL INTERPRETATION III

This course emphasizes all speech competition events for the advanced third-year student. Students will compete in UIL competition/TFA state tournaments and serve as a role model to prepare novice students for competitive situations. Students are required to compete in three tournaments per semester (if academically eligible).

**Prerequisites:** Oral interpretation II

**Course Number:** LA1283

**Credit:** 1 credit

**Grade Placement:** 11-12

## DEBATE I

This course is designed to give each student an overview of forensics through the development of 37 persuasive and critical thinking skills through class activities and participation in competitive tournaments in Lincoln-Douglas Debate, Cross-Examination Debate, Extemp, and Student Congress. UIL, TFA, or NFL tournament competition is at the discretion of the Director of Forensics.

**Prerequisites:** None

**Course Number:** LA1284

**Credit:** 1 credit

**Grade Placement:** 9-12

## DEBATE II

This course is designed with more emphasis on preparing cases in Lincoln-Douglas Debate, cross-examination debate and competition in Student Congress and Extemp. Additional research time will be spent to gain advanced research skills. The student is required to compete in two tournaments per semester.

**Prerequisites:** Debate I and Approval of the Director of Forensics

**Course Number:** LA1285

**Credit:** 1 credit

**Grade Placement:** 10-12

## DEBATE III

This course is designed to integrate the critical thinker into the democratic process. The student acts as a role model and assistant coach working independently on cases and helping prepare the novice debaters for competition. Competing in three tournaments per semester is required.

**Prerequisites:** Debate II

**Course Number:** LA1286

**Credit:** 1 credit

**Grade Placement:** 12

## PUBLIC SPEAKING I, II & III

This course is designed to further enhance the student's communication skills. Emphasis is placed on speech delivery, argumentation and debate, oratory, and group presentations. The student will not compete in tournaments but rather observe and analyze political and social speeches as well as live performances. Courses must be taken in sequence.

**Prerequisites:** Communication Applications (1/2 credit) or Teacher Approval

**Course Number:** LA1287, LA1288, LA1289

**Credit:** 1 credit

**Grade Placement:** 10-12

## LITERARY MAGAZINE

Students in this class will compile and publish the school's literary magazine. Real-world skills in organizing, evaluating, desktop publishing, fund raising, and editing will be emphasized.

**Prerequisites:** Application to magazine sponsor

**Course Number:** LA1298

**Credit:** 1 credit

**Grade Placement:** 9-12

## JOURNALISM

This full-year course, an introduction to all forms of mass media, emphasizes the type of writing necessary for publishing a school newspaper and yearbook. The class trains the student in advertising and business management of a publication, helps the student to evaluate news happenings, develops the student's awareness of his responsibility in learning to meet deadlines, and introduces desktop publishing using Macintosh computers. Students also learn public relations skills. The class publishes a newspaper in the spring.

**Prerequisites:** None

**Course Number:** LA1290

**Credit:** 1 credit

**Grade Placement:** 9-12

## NEWSPAPER I, II & III

These courses are concerned primarily with publishing a school newspaper. Students study all phases of journalism, including the computerized technology of typesetting. Improving writing skills and interviewing techniques are major concerns, as is perfecting all types of communication. Also included is advanced study of feature, column, editorial, and sports writing. These courses also allow students to work with a printer and become involved in the cost of newspaper production.

**Prerequisites:** Course LA1290: Journalism

**Course Number:** LA1291, LA1292, LA1253      **Credit:** 1-2 credits      **Grade Placement:** 10-12

## YEARBOOK/MAGAZINE PRODUCTION I

This course includes the study and application of the elements and processes of developing and producing the school yearbook. Students learn writing, design, and desktop publishing skills.

**Prerequisites:** LA1290

**Course Number:** LA1293      **Credit:** 1 credit      **Grade Placement:** 9-12

## YEARBOOK/MAGAZINE PRODUCTION II & III

These courses are continued studies of Advanced Journalism and Yearbook Production. Included are the study of the role of advertising in publication cost, the preparation of ads, practice in advertising sales, graphics, design and layout, with emphasis on preparation of press-ready materials. Students will master advanced desktop publishing techniques.

**Prerequisites:** LA1293, LA1294 and Teacher Approval

**Course Number:** LA1294, LA1295      **Credit:** 1 credit      **Grade Placement:** 10-12

## PHOTO JOURNALISM

This course familiarizes students with photographic composition, use of the camera and film processing through the opportunity to take pictures and to work on layout problems for the school newspaper and yearbook. Students automatically become members of the school photography staff.

**Prerequisites:** Photography: Teacher approval

**Course Number:** LA1296      **Credit:** 1 credit      **Grade Placement:** 10-12

## SPEECH

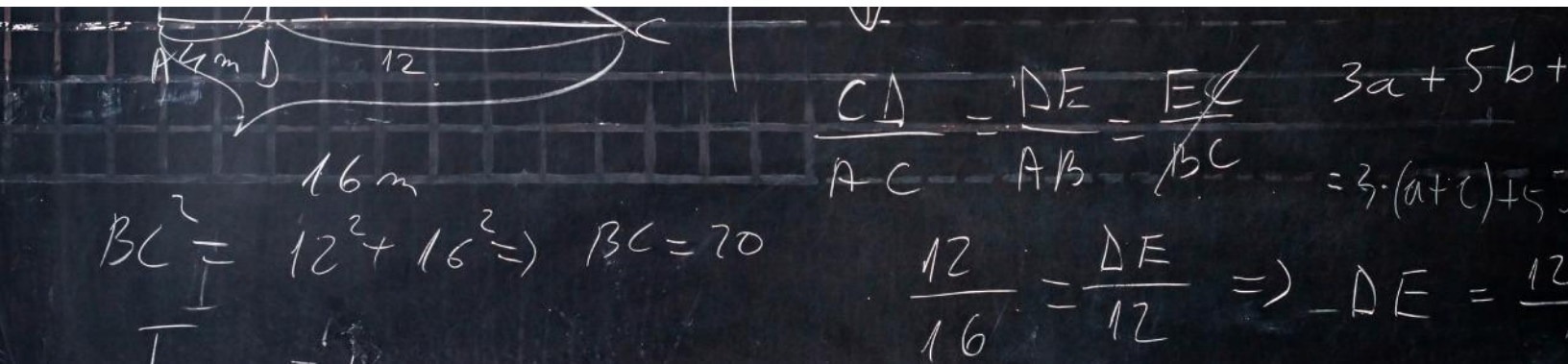
This course creates practical and special speaking/performance situations, which enable the student to build confidence, poise, and acquire skills of communication for more effective citizenship. Pantomime, tableau, and monologue are introduced to free imagination and develop basic techniques. Offered at some campuses as a one semester course (LA8276).

**Prerequisites:** None

**Course Number:** LA8270      **Credit:**      **Grade Placement:**



# MATHEMATICS



For The Foundation High School Program, Math Credits Must Be In Courses From Algebra I Level And Higher.

\*See *Recommended Math Sequences* on page 9 of this Handbook.

## COLLEGE ENTRANCE REQUIREMENTS

In the area of mathematics, college entrance requirements vary. Some universities require that the student have high school credit in Algebra I, Algebra II, Geometry and Precalculus. Others require either Algebra I and Geometry or Algebra I and Algebra II. Junior colleges usually require two years credit in mathematics. Students should check with the college of their choice prior to planning their high school mathematics courses.

## ALGEBRA I

In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations. End of Course (EOC) Tested.

**Prerequisites:** Mathematics, Grade 8 or its equivalent

**Course Number:** MA1220

**Credit:** 1 credit

**Grade Placement:** 9

## ADVANCED GR 9 ALGEBRA I

Instruction designed at a greater depth in order to prepare for Advanced Placement (AP), International Baccalaureate (IB), and/or Dual Credit courses.

**Prerequisites:** Grade 8 Math

**Course Number:** MA1320

**Credit:** 1 credit

**Grade Placement:** 9

## ALGEBRA II

In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten- Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real- world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

**Prerequisites:** Algebra I

**Course Number:** MA1230

**Credit:** 1 credit

**Grade Placement:** 10-12

## INDEPENDENT STUDY: ALGEBRA III

This course is for students to continue their preparation for Precalculus. It is recommended for college bound seniors who need additional support with advanced algebra skills foundational to conceptual understanding in Precalculus. Topics included are functions, radical functions and rational exponents, exponential and logarithmic functions, natural logarithms, rational functions, conics, trigonometry, trigonometric identities and equations.

**Prerequisites:** Algebra II

**Course Number:** MA1264

**Credit:** 1 credit

**Grade Placement:** 12

## ADVANCED ALGEBRA II

This course covers the same concepts as Algebra II. The content is studied in greater depth and may include additional topics.

**Prerequisites:** Algebra 1 or Advanced Algebra 1

**Course Number:** MA1330

**Credit:** 1 credit

**Grade Placement:** 10-11

## GEOMETRY

In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten- Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean Geometry, students should complete the course with an understanding that non-Euclidean Geometries exist. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post- secondary education.

**Prerequisites:** Algebra I

**Course Number:** MA1245

**Credit:** 1 credit

**Grade Placement:** 10

## ADVANCED GEOMETRY

This course covers the same concepts as Geometry. The content is studied in greater depth and may include additional topics.

**Prerequisites:** Algebra 1 or Pre-AP Algebra 1

**Course Number:** MA1345

**Credit:** 1 credit

**Grade Placement:** 9-10

## MATHEMATICAL MODELS WITH APPLICATIONS

Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten- Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.

**Prerequisites:** Algebra I

**Course Number:** MA1250

**Credit:** 1 credit

**Grade Placement:** 11-12

## INDEPENDENT STUDY IN MATHEMATICS: CALCULUS

Students will extend their mathematical understanding beyond the Precalculus or Advanced Placement Calculus level in this elective course covering the specific area of calculus.

**Prerequisites:** Precalculus

**Course Number:** MA1255

**Credit:** 1 credit

**Grade Placement:** 12

## STATISTICS

In Statistics, students will build on the knowledge and skills for mathematics in Kindergarten- Grade 8 and Algebra 1. Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis.

**Prerequisites:** Algebra II

**Course Number:** MA1265

**Credit:** 1 credit

**Grade Placement:** 11-12

## PRECALCULUS

Precalculus is the preparation for Calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

**Prerequisites:** Algebra II and Geometry

**Course Number:** MA1263

**Credit:** 1 credit

**Grade Placement:** 11-12

## ADVANCED QUANTITATIVE REASONING (AQR)

In Advanced Quantitative Reasoning, students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.

**Prerequisites:** Algebra II

**Course Number:** MA1267

**Credit:** 1 credit

**Grade Placement:** 10-12

## ALGEBRAIC REASONING

In this course, students will build on the knowledge and skills for mathematics in Kindergarten- Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

**Prerequisites:** Algebra I

**Course Number:** MA1268

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PRECALCULUS

This course covers the concepts studied in Precalculus. Content is studied in greater depth and may include additional topics.

**Prerequisites:** Advanced Algebra II

**Course Number:** MA1360

**Credit:** 1 credit

**Grade Placement:** 11-12

## ADVANCED PLACEMENT STATISTICS

The purpose of the Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the four broad conceptual themes, which follow: 1) Exploring data - observing patterns and departures from patterns; 2) Planning a study - deciding what and how to measure; 3) Anticipate patterns - producing models using probability and simulation; and 4) Statistical Inference - confirming models. After completing this course, students are encouraged to take the Advanced Placement Statistics exam given by the College Board.

**Prerequisites:** Algebra II

**Course Number:** MA1365

**Credit:** 1 credit

**Grade Placement:** 11-12

## ADVANCED PLACEMENT CALCULUS AB

AP Calculus AB covers advanced mathematical topics including elementary differential and integral calculus. AP Calculus AB is approximately equivalent to a one semester Calculus course at the college level. Topics of study will be selected from limits and continuity, the derivative, the fundamental theorem of calculus, special functions, techniques of integration, partial derivatives, and multiple-integration. This course is designed to prepare students for the College Board Advanced Placement Exam. AP Calculus AB is not a prerequisite to AP Calculus BC. After completing this course, students are encouraged to take the Advanced Placement Calculus AB exam given by the College Board.

**Prerequisites:** Advanced Placement PreCalculus

**Course Number:** MA1380

**Credit:** 1 credit

**Grade Placement:** 12

## ADVANCED CALCULUS BC

AP Calculus BC is approximately equivalent to a two-semester Calculus course at the college level. This course is designed to prepare students for the College Board Advanced Placement Exam. AP Calculus BC covers advanced mathematical topics including elementary differential and integral calculus and their applications with polar, parametric and vector functions. Additionally, applications of integral functions, logistic models, polynomial approximations, and advanced sequences and series will be studied. This course can be taken in lieu of AP Calculus AB. After completing this course, students are encouraged to take the Advanced Placement Calculus BC exam given by the College Board.

**Prerequisites:** Advanced Placement PreCalculus

**Course Number:** MA1385

**Credit:** 1 credit

**Grade Placement:** 12

## IB MATH ANALYSIS AND APPROACHES SL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 5 Mathematics. The aims of this course are to enable students to develop logical, critical, and creative thinking, to develop an understanding of the principles and nature of advanced mathematics, to employ and refine their powers of abstraction and generalization, and to appreciate the multiplicity of cultural and historical perspectives of mathematics. This course will emphasize the study of polynomial, radical, exponential, logarithmic, and trigonometric functions. In addition, the course will include polar and parametric equations and sequences and series. This is the first year of a two-year course.

**Prerequisites:** Enrolled in the IB Program, Algebra II and Geometry

**Course Number:** MAB231

**Credit:** 1 credit

**Grade Placement:** 11

## IB MATH APPLICATIONS AND INTERPRETATIONS SL (YEAR TWO)

This course is the second year of IB math applications and interpretations SL. Students will be exposed to the four broad conceptual themes which follow: 1) Exploring data – observing patterns and departures from patterns; 2) Planning a study – deciding what and how to measure; 3) Anticipate patterns – producing models using probability and simulation; and 4) Statistical Inference – confirming models. Students will submit a mathematical project involving research, the collection of data, analysis of the data and detailed and accurate mathematics.

**Prerequisites:** Completion of IB Math Studies SL Year One

**Course Number:** MAB141

**Credit:** 1 credit

**Grade Placement:** 12

## IB MATH APPLICATIONS AND INTERPRETATIONS HL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 5 Mathematics. The course will cover in further depth all topics addressed in SL including an emphasis in mathematical modeling and statistics, developing strong skills in applying mathematics to the real-world using technology to solve complex real-world problems, and an understanding of mathematics as a means of universal communication. Students will expand their learning to include a more rigorous study of additional topics in precalculus, calculus, and statistics such as differentiation and integration, graph theory, and kinematics.

**Prerequisites:** Enrolled in the IB Program, Algebra II

**Course Number:** MAB133

**Credit:** 1 credit

**Grade Placement:** 11

## IB MATH APPLICATIONS AND INTERPRETATIONS HL (YEAR TWO)

This course is the second year of IB Applications and Interpretations HL.

**Prerequisites:** Completion of IB Applications and Interpretations HL Year One

**Course Number:** MAB143

**Credit:** 1 credit

**Grade Placement:** 12

## IB MATH ANALYSIS AND APPROACHES SL (YEAR TWO)

This is the second year of IB math analysis and interpretation SL. The curriculum consists of topics in Algebra, Functions and equations, Circular functions and trigonometry, Vectors, Statistics and probability, Calculus, and a Mathematical exploration - a piece of written work that involves investigating an area of mathematics. Problem-solving is central to learning mathematics and involves the acquisition of mathematical skills and concepts in a wide range of situations, including non-routine, open-ended and real-world problems. The students will transform common realistic contexts into mathematics; comment on the context; sketch or draw mathematical diagrams, graphs or constructions both on paper and using technology; and record methods, solutions and conclusions using standardized notation.

**Prerequisites:** Completion of IB Math SL Year One

**Course Number:** MAB241

**Credit:** 1 credit

**Grade Placement:** 12



## IB MATH ANALYSIS AND APPROACHES HL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 5 Mathematics. The IB DP higher level mathematics course focuses on developing important mathematical concepts in a comprehensible, coherent and rigorous way, achieved by a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve problems set in a variety of meaningful contexts. Development of each topic should feature justification and proof of results. Students should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas. They are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas.

**Prerequisites:** Enrolled in the IB Program, Algebra II and Geometry

**Course Number:** MAB233

**Credit:** 1 credit

**Grade Placement:** 11

## IB MATH ANALYSIS AND APPROACHES HL (YEAR TWO)

This is the second year of IB Math Analysis and Approaches HL Year Two. This is the second year of a two year course.

**Prerequisites:** Completion of IB Math HL Year One

**Course Number:** MAB243

**Credit:** 1 credit

**Grade Placement:** 12

# PHYSICAL EDUCATION/HEALTH



Students may earn no more than 4 units of credit in physical education or athletics toward state graduation requirements. An activity fee is required each semester.

## CHEERLEADING

PE1208 - Cheerleading

PE1010 - Cheerleading Non Credit

Cheerleaders at each school campus are determined by tryouts held in the spring of the year. Cheerleaders are expected to perform at athletic events and special functions throughout the year. A total of 1 credit may be earned in Cheerleading per TEA guidelines. Beginning with Cohort 2018, courses taken after the 1st credit is earned will be no credit.

**Course Number:** PE1208 , PE1010

**Credit:** 1 credit

**Grade Placement:** 9-12

## INDIVIDUAL SPORTS/WEIGHT LIFTING - G

This course will place emphasis on improvement of muscular strength, endurance and flexibility through a progressive weight-training workout. Students will be provided the opportunity to work with the instructor to develop a personal workout program.

**Prerequisites:** None

**Course Number:** PE1213

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## AEROBICS/ADVANCED STRENGTH & CONDITIONING - G

Emphasis for this course will be placed on the development of an advanced individual progressive weight-training program, with the guidance of the instructor.

**Prerequisites:** None

**Course Number:** PE1214

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## DRILL TEAM

PE1212 - Drill Team

PE1012 - Drill Team Non-Credit

Drill team is a performing group for various athletic activities. Membership is determined through tryouts. A total of 1 credit may be earned in Drill Team per TEA guidelines. Beginning with Cohort 2018, courses taken after the 1st credit is earned will be no credit.

**Course Number:** PE1212, PE1012

**Credit:** 1 credit

**Grade Placement:** 9-12

## AEROBIC ACTIVITIES

Aerobic movement combined with physical fitness and strength training will stress cardiovascular fitness, muscular strength, flexibility, coordination, balance and agility. Students will participate in a variety of activities.

**Prerequisites:** None

**Course Number:** PE1241

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## FOUNDATIONS OF PERSONAL FITNESS

Using proper biomechanical and physiological principles, students will explore concepts of health-related fitness, methods for attainable personal fitness, and techniques for personal self-testing. Lecture/Lab.

**Prerequisites:** None

**Course Number:** PE1249

**Credit:** 1/2 credit

**Grade Placement:** 9

## TEAM SPORTS

Students will be provided an opportunity to participate in team sports in both class and intramural settings. Activities may include badminton, basketball, golf, softball, baseball, table tennis, tennis, soccer, and gymnastics. Selection of activity will be at the instructor's discretion, dependent upon proper facilities for participation.

**Prerequisites:** None

**Course Number:** PE1250

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## INDIVIDUAL SPORTS

Students will be provided an opportunity to participate in physical education activities that can be enjoyed for a lifetime. Activities may include aerobics, bowling, dance, golf, horseshoes, outdoor recreational activities, and shuffleboard. Selection of activity will be at the instructor's discretion, dependent upon proper facilities for participation.

**Prerequisites:** None

**Course Number:** PE1251

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## ADVENTURE/OUTDOOR EDUCATION

Adventures in Outdoor Education is an outstanding, hands-on, co-ed elective course. Each student will experience a broad educational experience with life-long skills including: Texas Parks and Wildlife Angler Education, Boat Safety and Hunter Safety courses, Orienteering, Archery in the Schools Program, Survival Skills, Camping, Dutch-Oven cooking and American Heart Association CPR/First Aid. Extra-curricular trips will be provided for students and parents who are interested. On campus activities require a \$10.00 class fee for consumables. Every unit emphasizes safety and how to enjoy the outdoors for a lifetime.

**Prerequisites:** None

**Course Number:** PE1252

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## PARTNER PE - INDIVIDUAL

The Partners in Physical Education (PPE) program provides an opportunity for general education students to peer tutor (partner) with students with cognitive and/or physical disabilities. Through modeling skills taught and assisting with activities in the physical education class a partnership is developed.

**Prerequisites:** None

**Course Number:** PE1253

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## PARTNER PE - TEAM SPORTS

The Partners in Physical Education (PPE) program provides an opportunity for general education students to peer tutor (partner) with students with cognitive and/or physical disabilities. Through modeling skills taught and assisting with activities in the physical education class a partnership is developed.

**Prerequisites:** None

**Course Number:** PE1254

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## PARTNER PE - AEROBICS

The Partners in Physical Education (PPE) program provides an opportunity for general education students to peer tutor (partner) with students with cognitive and/or physical disabilities. Through modeling skills taught and assisting with activities in the physical education class a partnership is developed.

**Prerequisites:** None

**Course Number:** PE1255

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## INDIVIDUAL SPORTS/WEIGHT LIFTING

This course will place emphasis on improvement of muscular strength, endurance and flexibility through a progressive weight-training workout. Students will be provided the opportunity to work with the instructor to develop a personal workout program.

**Prerequisites:** None

**Course Number:** PE1262

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## AEROBICS/ADVANCED STRENGTH & CONDITIONING - B

Emphasis for this course will be placed on the development of an advanced individual progressive weight-training program, with the guidance of the instructor.

**Prerequisites:** None

**Course Number:** PE1263

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## COMPETITIVE ARCHERY I, II, & III

- PE1278 – COMPETITIVE ARCHERY
- PE1279 – COMPETITIVE ARCHERY II
- PE1289 – COMPETITIVE ARCHERY III

Students will be introduced to and engaged in one of the oldest forms of sport. Students will progressively and systematically be taught the basic concepts of competitive archery. Archery is intended to be a coed activity, therefore, both male and female alike will be competing together for their perspective schools. Archery will be hosted at one central location for all archers in the district. Transportation will be provided to and from the archery facility for students in need of transportation. Archery is offered in multiple periods throughout the day. Students will be expected to practice and or compete outside of the school day. Archery practice will be conducted after school each day that the students have class. Archers will also be expected to attend archery competitions as scheduled by the archery coach. These competitions may include but are not limited to weekend competitions. Archery will follow all UIL guidelines as they pertain to academic eligibility.

**Prerequisites:** None

**Course Number:** PE1278, PE1279, PE1289

**Credit:** 1 credit

**Grade Placement:** 9-12

## INTERSCHOLASTIC SPORTS



Competitive sports for girls include volleyball, tennis, track, basketball, swimming, golf, cross country, gymnastics, soccer, softball, wrestling, and cheerleading. Competitive sports for boys include football, basketball, track, tennis, swimming, baseball, soccer, golf, cross country, gymnastics, wrestling, and cheerleading.

Two successfully completed semesters of competitive sports will fulfill the required physical education requirements. A student may earn up to 4 credits for PE or any allowable substitution for PE, such as athletics, ROTC, band, etc. Only 1 credit may be earned in cheerleading and drill team per TEA guidelines.



# HEALTH



## HEALTH I

This course, a study of the physical, mental and emotional functions of the body, emphasizes teenage decisions concerning the use of tobacco, alcohol and drugs. Units on fitness, safety, nutrition and first aid will be included. A three-week unit on human growth and development will be included in this course. It will include units on the role of family, dating, human reproduction, and childbirth, sexually transmitted diseases, and the importance of decision making.

**Prerequisites:** None

**Course Number:** PE1244

**Credit:** 1/2 credit

**Grade Placement:** 9-12

## ADVANCED HEALTH II

Students will be provided with opportunities for researching, discussing, and analyzing personal and community health issues. Learning experiences will be designed to reinforce positive health behaviors that will reduce health risks throughout their lifespan. The objectives of the course will be accomplished with the use of technology, personal portfolios, mentoring, and community service. The students will develop skills necessary to access their own health information and services and will become health literate.

**Prerequisites:** Health I

**Course Number:** PE1245

**Credit:** 1/2 credit

**Grade Placement:** 11-12

# SCIENCE



All science classes require at least 40% laboratory time conducting laboratory and field investigations using safe, environmentally appropriate, and ethical practices. All students must take one unit of Biology/Advanced Biology, one unit of IPC, Chemistry or Physics, and one additional unit of science for graduation.

For any of the endorsements, one additional science unit is necessary. University programs have different college entrance requirements for science, so it is recommended that students check with their preferred universities when considering science courses.

## INTEGRATED PHYSICS & CHEMISTRY (IPC)

This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. This course is appropriate for students who would benefit from a basic foundation in chemistry and physics concepts. This course should be taken prior to a unit of Chemistry or Physics.

**Prerequisites:** None

**Course Number:** SC1210

**Credit:** 1 credit

**Grade Placement:** 9-10

## BIOLOGY

Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment. End of Course (EOC) tested.

**Prerequisites:** None

**Course Number:** SC1220

**Credit:** 1 credit

**Grade Placement:** 9-11

## ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS

SEE DESCRIPTION UNDER CAREER AND TECHNICAL EDUCATION SECTION PAGE 141

**Prerequisites:**

**Course Number:** SC1223

**Credit:**

**Grade Placement:**

## MEDICAL MICROBIOLOGY

SEE DESCRIPTION UNDER CAREER AND TECHNICAL EDUCATION SECTION PAGE 141

**Prerequisites:**

**Course Number:** SC1224

**Credit:**

**Grade Placement:**

## PATHOPHYSIOLOGY

SEE DESCRIPTION UNDER CAREER AND TECHNICAL EDUCATION SECTION PAGE 141

**Prerequisites:**

**Course Number:** SC1225

**Credit:**

**Grade Placement:**

## FORENSIC SCIENCE

SEE DESCRIPTION UNDER CAREER AND TECHNICAL EDUCATION SECTION PAGE 149

**Prerequisites:**

**Course Number:** SC1226

**Credit:**

**Grade Placement:**

## ASTRONOMY

Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical- thinking skills.

**Prerequisites:** One unit of science

**Course Number:** SC1227

**Credit:** 1 credit

**Grade Placement:** 11-12

## CHEMISTRY

Chemistry is the study of matter and energy and the interactions between them. Topics include characteristics of matter, use of the Periodic Table, development of atomic theories and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

**Prerequisites:** One unit of high school science and one unit of Algebra 1

**Recommended**

**Prerequisites:** Completion of or concurrent enrollment in a second year of mathematics.

**Course Number:** SC1250

**Credit:** 1 credit

**Grade Placement:** 10-12

## ENVIRONMENTAL SYSTEMS

The focus of this course includes: biotic and abiotic factors in habitats, ecosystems, and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

**Prerequisites:** One unit high school life science and one unit of high school physical science

**Course Number:** SC1290

**Credit:** 1 credit

**Grade Placement:** 11-12

## ADVANCED BIOLOGY

Advanced Biology will focus on the same TEKS prescribed by the State of Texas for the grade level but will emphasize advanced application and science skills. Students will be challenged to become critical thinkers through analysis, synthesis and evaluation of higher order thinking with instruction designed at a greater depth in order to prepare for Advanced Placement® (AP), International Baccalaureate® (IB), and/or Dual Credit courses. These courses are designed for students who show an advanced aptitude in science. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment. End of Course (EOC) tested.

**Prerequisites:** None

**Course Number:** SC1320

**Credit:** 1 credit

**Grade Placement:** 9-11

## ADVANCED PLACEMENT BIOLOGY

The AP Biology course focuses on enduring, conceptual understandings outlined by the College Board. Inquiry-based learning of essential concepts develops the reasoning skills necessary to engage in the science practices used throughout the study of AP Biology. Students taking this course will develop advanced inquiry and reasoning skills such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. This AP course, an equivalent to a freshman level biology major course in college, is designed to give students a solid foundation in many diverse areas including cellular biology, genetics, systematics, and evolutionary biology. The course is taught through lecture, independent and inquiry-based learning, laboratory investigation, outside readings and library research. Students are encouraged to take the Advanced Placement exam upon completion of the course.

**Prerequisites:** One unit of high school science and one unit of Algebra 1

**Recommended**

**Prerequisites:** Completion of or concurrent enrollment in a second year of mathematics.

**Course Number:** SC1340

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED CHEMISTRY

Advanced Chemistry will focus on the same TEKS prescribed by the State of Texas for the grade level but will emphasize advanced application and science skills. Students will be challenged to become critical thinkers through analysis, synthesis and evaluation of higher order thinking with instruction designed at a greater depth in order to prepare for Advanced Placement® (AP), International Baccalaureate® (IB), and/or Dual Credit courses. These courses are designed for students who show an advanced aptitude in science. Chemistry is the study of matter and energy and the interactions between them. Topics include characteristics of matter, use of the Periodic Table, development of atomic theories and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

**Prerequisites:** One unit of high school science and one unit of Algebra 1

**Recommended**

**Prerequisites:** Completion of or concurrent enrollment in a second year of mathematics

**Course Number:** SC1350

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PLACEMENT CHEMISTRY

The AP Chemistry course, outlined by The College Board, is designed to be the equivalent of the general chemistry course usually taken during the first college year. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics are presented in considerable depth through inquiry-based investigations. Students are encouraged to take the Advanced Placement exam upon completion of this course.

**Prerequisites:** One unit of Chemistry and one unit of Algebra II or concurrent enrollment

**Course Number:** SC1360

**Credit:** 1 credit

**Grade Placement:** 11-12

## EARTH AND SPACE SCIENCE

Earth and Space Science is a capstone course designed to build on students' prior scientific and academic knowledge and skills to develop understanding of Earth's system in space and time. An Earth systems approach to the themes of Earth in space and time, solid Earth, and fluid Earth concepts are taught through the lens of systems, energy, and relevance.

**Prerequisites:** Three units of science, one of which may be taken concurrently, and three units of mathematics, one of which may be taken concurrently.

**Course Number:** SC1273

**Credit:** 1 credit

**Grade Placement:** 11-12

## PHYSICS

In Physics, students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical-thinking skills.

**Prerequisites:** Algebra I or concurrent enrollment

**Course Number:** SC1280

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED PLACEMENT PHYSICS C MECHANICS

This calculus-based AP physics course ordinarily forms the first part of the college foundation courses for students majoring in the physical sciences, mathematics, or engineering. Outlined by The College Board, this course will provide instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** One unit of AP Physics 1 and one unit of Calculus or concurrent enrollment

**Course Number:** SC1383

**Credit:** 1 credit

**Grade Placement:** 11-12

## ADVANCED PLACEMENT PHYSICS ELECTRICITY AND MAGNETISM

This course serves as the foundation in physics for students majoring in the physical sciences or engineering. The sequence is parallel to or preceded by mathematics courses that include calculus. Methods of calculus are used in formulating physical principles and in applying them to physical problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus, as well as continuing to develop a deep understanding of physics concepts. It will provide instruction in each of the following five content areas: electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. This course is intended for pre-engineers and physics majors. \*\*\* This course is currently offered at Martin High School and all AISD students may opt to take this course at Martin High School. Transportation will not be provided if a student chooses to take this course. Student is required to provide their own transportation to this campus to take this course. After completing this course, students are encouraged to take the Advanced Placement exam for this course.

**Prerequisites:** One unit of AP Physics 2 or one unit of AP Physics C Mechanics or concurrent enrollment and one unit of Calculus or concurrent enrollment.

**Course Number:** SC1384

**Credit:** 1 credit

**Grade Placement:** 11-12

## ADVANCED PLACEMENT PHYSICS I

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** One unit of Algebra I and one unit of Geometry

**Recommended**

**Corequisite:** Concurrent enrollment in Algebra II or Algebraic Reasoning

**Course Number:** SC1385

**Credit:** 1 credit

**Grade Placement:** 10-12



## ADVANCED PLACEMENT PHYSICS II

AP Physics 2 is an algebra-based, introductory college-level physics course designed to be the equivalent of a second-semester college course. This AP science course covers topics in fluid mechanics, thermodynamics, electricity and magnetism, optics, atomic and nuclear physics through inquiry-based investigations. Students are encouraged to take the Advanced Placement test at the completion of the course.

### Recommended

**Corequisite:** Precalculus

**Prerequisites:** One unit of AP Physics 1

**Course Number:** SC1386

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

The AP Environmental Science course is designed to be the equivalent of a one semester, introductory to college course in environmental science. This course is interdisciplinary, embracing a wide variety of topics from different areas of science and social study. The course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems, both natural and human-made; evaluate the relative risks associated with these problems; and examine alternative solutions for resolving or preventing them. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** One unit of Biology, chemistry

**Course Number:** SC1390

**Credit:** 1 credit

**Grade Placement:** 11-12

## PLTW-PRINCIPLES OF ENGINEERING

SEE DESCRIPTION UNDER CAREER AND TECHNICAL EDUCATION SECTION PAGE 158

### Prerequisites:

**Course Number:** CC1381

**Credit:**

**Grade Placement:**

## SCIENTIFIC RESEARCH AND DESIGN

SEE DESCRIPTION UNDER CAREER AND TECHNICAL EDUCATION SECTION PAGE 161

**Prerequisites:** One unit of Biology, IPC, Chemistry, or Physics

**Course Number:** SC1295

**Credit:** 1 credit

**Grade Placement:** 11-12

## IB BIOLOGY SL

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 4 Experimental Sciences. Students will study topics in biology from the molecular to global biome issues. The course will focus on critical thinking skills necessary to explore diverse strategies in the experimental sciences on an international stage. The group 4 project will be utilized to reinforce the relationships among the different disciplines of science. This course will fulfill the Texas graduation requirements for Biology. This course must be followed by IB Biology II in the senior year unless testing completed in junior year.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** SCB131

**Credit:** 1 credit

**Grade Placement:** 11-12

### IB BIOLOGY HL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 4 Experimental Sciences. Students will study topics in biology from the molecular to global biome issues. The course will focus on critical thinking skills necessary to explore diverse strategies in the experimental sciences on an international stage. The group 4 project will be utilized to reinforce the relationships among the different disciplines of science. This course will fulfill the Texas graduation requirements for Biology. This course must be followed by IB Biology II in the senior year unless testing completed in junior year.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** SCB133

**Credit:** 1 credit

**Grade Placement:** 11-12

### IB BIOLOGY II HL (YEAR TWO)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 4 Experimental Sciences. Students will explore in greater detail topics in biology from the molecular to global biome issues. The course will focus on critical thinking skills necessary to explore diverse strategies in the experimental sciences on an international stage. This is the second year of a two year course.

**Prerequisites:** Enrolled in the IB Program, IB Biology SL or IB Biology HL Year One in the junior year.

**Course Number:** SCB141

**Credit:** 1 credit

**Grade Placement:** 12

### IB CHEMISTRY SL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 4 Experimental Sciences. Students will demonstrate understanding and application of chemistry concepts and terminology at the macroscopic and microscopic level. The ability to analyze, synthesize and evaluate scientific information will evolve from practical experiences and use of the scientific method. The Group 4 project will be utilized to reinforce the relationships among the different disciplines of science. This course will fulfill the Texas requirement for chemistry.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** SCB231

**Credit:** 1 credit

**Grade Placement:** 11-12

### IB CHEMISTRY SL (YEAR TWO)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 4 Experimental Sciences. This is the second year of a two year course.

**Prerequisites:** IB Chemistry SL (Year One)

**Course Number:** SCB241

**Credit:** 1 credit

**Grade Placement:** 12

### IB CHEMISTRY HL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 4 Experimental Sciences. Students will demonstrate understanding and application of chemistry concepts and terminology at the macroscopic and microscopic level. The ability to analyze, synthesize and evaluate scientific information will evolve from practical experiences and use of the scientific method. The Group 4 project will be utilized to reinforce the relationships among the different disciplines of science. This course will fulfill the Texas requirement for chemistry.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** SCB233

**Credit:** 1 credit

**Grade Placement:** 11-12

### IB CHEMISTRY HL (YEAR TWO)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 4 Experimental Sciences. This is the second year of a two-year course.

**Prerequisites:** IB Chemistry SL (Year One) or IB Chemistry HL (Year One)

**Course Number:** SCB243

**Credit:** 1 credit

**Grade Placement:** 12



# SOCIAL STUDIES



Arlington ISD students must take one full year of World History or one full year of World Geography to meet graduation requirements.

## UNITED STATES HISTORY

In United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context. End of Course (EOC) tested - Required for Graduation.

**Prerequisites:** World History or World Geography

**Course Number:** SS1210

**Credit:** 1 credit

**Grade Placement:** 11-12

## WORLD GEOGRAPHY

This course is a study of In World Geography, Students Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of 4geography. Great emphasis is placed on geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.

**Prerequisites:** None

**Course Number:** SS1212

**Credit:** 1 credit

**Grade Placement:** 9-12

## WORLD HISTORY

This In World History Studies, this course is a survey of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present.

Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence.

**Prerequisites:** None

**Course Number:** SS1211

**Credit:** 1 credit

**Grade Placement:** 9-12

## SPEC. TOPICS IN SOCIAL STUDIES: A - ADVANCED TEXAS STUDIES

Students are given a brief review of the early period of Texas History, from exploration through the period of the Civil War and Reconstruction, followed by major emphasis on the problems, growth, and development of Texas in the twentieth century.

**Prerequisites:** None

**Course Number:** SS1213

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## SPEC. TOPICS IN SOCIAL STUDIES: B - AMERICAN CULTURE STUDIES

This course is designed to provide students the opportunity to study various cultural groups in our American society. The historical backgrounds, customs, art, drama, music, folklore, and other contributions of specific groups to the American way of life are emphasized.

**Prerequisites:** None

**Course Number:** SS1214

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## PERSONAL FINANCIAL LITERACY

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility.

The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods, and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages.

Personal Financial Literacy is designed to be an interactive and research-based course that teaches. The course will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training. There are many references to conducting a cost-benefit analysis for spending and investing decisions.

Students evaluate the necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options. Students also understand the power of both compound growth on investments and compound interest on debt and how these concepts affect the ability to build wealth over time.

**Prerequisites:** None

**Course Number:** SS1215

**Credit:** 1/2 credit

**Grade Placement:** 10-12



## ETHNIC STUDIES: AFRICAN AMERICAN STUDIES

In Ethnic Studies: African American Studies, an elective course, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States.

**Prerequisites:** None

**Course Number:** SS1216

**Credit:** 1 credit

**Grade Placement:** 9-12

## SPEC. TOPICS IN SOCIAL STUDIES: LATIN AMERICAN STUDIES

This course is designed to provide students an overview of Latin American history from pre- columbian cultures to contemporary America. This course will focus on the cultural roots of the Latin American experience and their influence on culture, politics, economics, and science and technology in United States. Students will also discuss contemporary issues facing Latin Americans. Student will create authentic work products to demonstrate learning throughout the course.

**Prerequisites:** World Geography or World History

**Course Number:** SS1217

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## SPEC. TOPICS IN SOCIAL STUDIES: WOMEN'S STUDIES

This course is designed to provide students an overview of the influence and role of women in society, past and present. This course will examine the changing role of women over time and the struggle for increased social, political, and economic equality. Students will also discuss contemporary issues facing women globally. Student will create authentic work products to demonstrate learning throughout the course.

**Prerequisites:** World Geography or World History

**Course Number:** SS1219

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## UNITED STATES GOVERNMENT

In United States Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places to the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a constitutional republic, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States. Students identify examples of government policies that encourage scientific research and use critical-thinking skills to create a product on a contemporary government issue.

*Required for Graduation*

**Prerequisites:** None

**Course Number:** SS1220

**Credit:** 1/2 credit

**Grade Placement:** 12

## ETHNIC STUDIES: MEXICAN AMERICAN STUDIES

In Ethnic Studies: Mexican American Studies, an elective course, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century.

**Prerequisites:** None

**Course Number:** SS1221

**Credit:** 1 credit

**Grade Placement:** 9-12

## ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM

Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues. Students identify the role of the U.S. free enterprise system within the parameters of this course and understand that this system may also be referenced as capitalism or the free market system. *Required for Graduation.*

**Prerequisites:** None

**Course Number:** SS1230

**Credit:** 1/2 credit

**Grade Placement:** 12

## PSYCHOLOGY

In Psychology, an elective course, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

**Prerequisites:** None

**Course Number:** SS1240

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## SOCIOLOGY

Sociology, an elective course, is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

**Prerequisites:** None

**Course Number:** SS1241

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## SPECIAL TOPICS IN SOC. STUDIES:C-ADVANCED SOC. SCIENCE PROBLEMS

This course will allow the student to become aware of local, national, and international current events and topics. The student will discover how contemporary issues of today's society are related to past historical events. Group discussion, interviewing, use of newspapers, magazines, and other media's will be utilized by the student to identify current social problems and learn how society reacts to these issues.

**Prerequisites:** None

**Course Number:** SS1242

**Credit:** 1/2 credit

**Grade Placement:** 11-12

## ADVANCED PLACEMENT UNITED STATES HISTORY

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Through reading of challenging texts and extensive writing, students develop and use same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. This course integrates the U.S. History TEKS and prepares student to take the AP U.S. History exam. End of Course (EOC) tested. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** There are no prerequisites for AP U.S. History.

**Course Number:** SS1310

**Credit:** 1 credit

**Grade Placement:** 11-12

## ADVANCED PLACEMENT WORLD HISTORY

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. This course may replace World History as a graduation requirement and prepares students to take the AP World History exam. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** There are no prerequisites for AP World History: Modern. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

**Course Number:** SS1311

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PLACEMENT HUMAN GEOGRAPHY

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. This course integrates the World Geography TEKS throughout the year and prepares students to take the AP Human Geography exam. Students are encouraged to take the Advanced Placement test at the completion of the course. This course can replace the World Geography graduation requirement.

**Prerequisites:** There are no prerequisites for AP Human Geography. Students should be able to read college level texts and write grammatically correct, complete sentences.

**Course Number:** SS1312

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED WORLD GEOGRAPHY

This course is based on the Texas Essential Knowledge and Skills for World Geography as established by the TEA. It will prepare students for all subsequent AP social studies courses. Advanced World Geography will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. The course will also include extensive readings, note-taking, and advanced analysis of primary source documents. All segments of the course will be taught and graded at the college level. This course can replace the World Geography graduation requirement.

**Prerequisites:** None

**Course Number:** SS1313

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED WORLD HISTORY

In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** None

**Course Number:** SS1314

**Credit:** 1 credit

**Grade Placement:** 9-12

## ADVANCED PLACEMENT EUROPEAN HISTORY

This elective AP course is a history of Western Civilization from 1450 to present, from the High Renaissance to the recent past. It is designed to provide a basic knowledge of the intellectual- cultural, political-diplomatic, and social-economic history of Europe. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations. Students are prepared for advanced college courses through requiring performance equivalent to those of full-year introductory college courses. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** There are no prerequisites for AP World History: Modern. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

**Course Number:** SS1315

**Credit:** 1 credit

**Grade Placement:** 10-12

## ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. This course integrates the Government TEKS and prepares students to take the AP United States Comparative Government and Politics exam. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** There are no prerequisites for AP Comparative Government and Politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

**Course Number:** SS1320

**Credit:** 1/2 credit

**Grade Placement:** 12

## ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS

Students of AP Comparative Government and Politics are introduced to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of countries. The course aims to show the rich diversity of political life and communicate the importance of global political and economic changes. Comparison of political systems produces knowledge about the policies countries have effectively used to address problems. In addition to covering major concepts, the course will cover specific countries and their governments. Six countries form the core of the AP Comparative Government and Politics course. China, Great Britain, Mexico, Nigeria, Russia and Iran are included in this college-level introductory course. By using these six core countries, the course moves the discussion of concepts from abstract definition to concrete example. This course prepares students to take the AP Comparative Government and Politics exam. Students are encouraged to take the Advanced Placement test at the completion of the course. This course is an elective course and does not satisfy the government requirement for graduation.

**Prerequisites:** There are no prerequisites for AP Comparative Government and Politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

**Course Number:** SS1321

**Credit:** 1/2 credit

**Grade Placement:** 12

## ADVANCED PLACEMENT MACROECONOMICS

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. This course prepares students to take the AP Macroeconomics exam. Students are encouraged to take the Advanced Placement test at the completion of the course.

**Prerequisites:** There are no prerequisites for AP Comparative Government and Politics. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

**Course Number:** SS1330

**Credit:** 1/2 credit

**Grade Placement:** 12

## ADVANCED STUDIES IN PSYCHOLOGY / ADVANCED PLACEMENT PSYCHOLOGY

**\*\*THESE TWO COURSES MUST BE TAKEN TOGETHER TO RECEIVE THE FULL CREDIT\*\***

The Advanced Studies in Psychology course is a semester long course that provides students with the opportunity to learn psychological principles and phenomena, develop their understanding of behavior and mental processes, as well as to learn and use scientific methods in the study of behavior. This course will prepare students for the second semester of the Advanced Placement Psychology course. The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. These courses prepare students to take the AP Psychology exam. Students are encouraged to take the Advanced Placement test at the completion of the course. SS1339 must be taken first semester for enrollment in SS1340 second semester.

**Prerequisites:** None

**Course Number:** SS1339, SS1340

**Credit:** 1 credit

**Grade Placement:** 11-12



## HISTORY HL (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 3, Individuals and Societies. This is a two year curriculum. The course is designed to integrate the histories of Canada, Latin America and the United States. Included will be a comparative analysis of cultural, political, social, and economic issues. This course will fulfill the Texas requirements for US History. This course must be followed by IB History of Americas - 20th Century Topics - Higher Level (HL) in the senior year.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** SSB131

**Credit:** 1/2 credit

**Grade Placement:** 11

## HISTORY HL (YEAR TWO)

This course will fulfill the IB requirement for Group Six Arts/Electives. In today's society, information technology controls and dictates many aspects of our lives. The global use of IT raises important issues about social and ethical concerns that shape our society. The focus of ITGS will be on providing the opportunity for students to understand information technology systems and their influence and impact on social issues in a project-based environment. The underlying theme throughout the course will be internationalism and the global community.

**Prerequisites:** Enrolled in the IB Program and BCIS or Teacher Approval

**Course Number:** SSB141

**Credit:** 1/2 credit

**Grade Placement:** 12

## IB GEOGRAPHY SL (YEAR ONE)

Geography is a dynamic subject that is firmly grounded in the real world and focuses on the interactions between individuals, societies and the physical environment in both time and space. It seeks to identify trends and patterns in these interactions and examines the processes behind them. Geography is distinctive in that it occupies the middle ground between social sciences and natural sciences. The DP geography course integrates both physical and human geography, and ensures that students acquire elements of both scientific and socio-economic methodologies. Geography takes advantage of its position between both these groups of subjects to examine relevant concepts and ideas from a wide variety of disciplines. This helps students develop an appreciation of, and a respect for, alternative approaches, viewpoints and ideas.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** SSB431

**Credit:** 1 credit

**Grade Placement:** 12

## IB ECONOMICS SL

This one-year course fulfills the International Baccalaureate IB requirement for Group Six Arts/Electives. This course will cover both microeconomics and macroeconomics. Students will learn how supply and demand are tools for a wide variety of issues, locally as well as globally. They will understand the principles of economics that apply to the economic system as a whole, examining major issues facing countries' economic growth, development, unemployment, inflation, and income distribution. This course will fulfill the Texas graduation requirements for economics and prepares students to take the IB Economics SL exam.

**Prerequisites:** Enrolled in the IB Program or Teacher Approval

**Course Number:** SSB231

**Credit:** 1 credit

**Grade Placement:** 11-12

## IB PSYCHOLOGY SL

This one-year course fulfills the International Baccalaureate (IB) requirement for Group Six Arts/Electives. This one-year course is the study of our behavior and its relationship to our day to day experiences. Students will examine the biological, cognitive, and learning perspectives of psychology, as well as one of the following sub-topics: cultural, dysfunctional, lifespan, psychodynamic or social psychology. During the spring semester, students will learn research methods and apply their knowledge to a simple experimental study using quantitative methods. This course prepares students to take the IB Psychology SL Exam.

**Prerequisites:** Enrolled in the IB Program or Teacher Approval

**Course Number:** SSB321

**Credit:** 1 credit

**Grade Placement:** 11-12

## HISTORY OF AMERICAS HL REGIONAL STUDIES (YEAR ONE)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 3, Individuals and Societies. This is a two year curriculum. The course is designed to integrate the histories of Canada, Latin America and the United States. Included will be a comparative analysis of cultural, political, social, and economic issues. This course will fulfill the Texas requirements for US History. This course must be followed by IB History of Americas - 20th Century Topics - Higher Level (HL) in the senior year.

**Prerequisites:** Enrolled in the IB Program

**Course Number:** SSB131

**Credit:** 1 credit

**Grade Placement:** 11

## HISTORY OF AMERICAS -20TH CENTURY TOPICS HL-REGIONAL STUDIES (YEAR TWO)

This course will fulfill the International Baccalaureate (IB) curriculum requirements for Group 3, Individuals and Societies. Year Two of this two-year course will provide students a more in-depth study of 20th Century Topics with emphasis on the United States and its relationship with the rest of the world. This is the second year of a two-year course. After successfully completing the two years of SSB131 and SSB141, U.S. Government credit will be earned at Bowie High School, Lamar High School and Sam Houston High School. The credit for Government will be posted on the transcript with a grade of "P."

**Prerequisites:** History of Americas HL, Year One

**Course Number:** SSB141

**Credit:** 1 credit

**Grade Placement:** 12

# AEROSPACE SCIENCE / AIRFORCE JROTC



Each semester of successfully completed Aerospace Science will fulfill and substitute for a semester of required P.E. If P.E credit has been fulfilled, subsequent Aerospace Science classes are counted as Elective credits. COURSE OFFERED AT FERGUSON EDUCATION CENTER.

## AEROSPACE SCIENCE I AFJROTC

This is a 3-part course involving History, Leadership and Wellness designed to acquaint students with the historical development of flight, principles of military leadership, and physical fitness. Students review the development of flight from ancient legends to space flight. The leadership training relates directly to the academic subject matter with time management, study habits, basic drill movements, and customs and courtesies making up the core. Air Force uniforms are worn one day per week. Air Force grooming standards will apply. Wellness involves calisthenics, running, and team sports. The Presidential Fitness Test is used to measure levels of physical fitness and focus individual exercise programs.

**Prerequisites:** Fall semester is a prerequisite for Spring Semester

**Course Number:** MS1211

**Credit:** 1 credit

**Grade Placement:** 9-12

## AEROSPACE SCIENCE II AFJROTC

This is a 3-part course involving History, Leadership and Wellness designed to acquaint students with the historical development of flight, principles of military leadership, and physical fitness. Students review the development of flight from ancient legends to space flight. The leadership training relates directly to the academic subject matter with time management, study habits, basic drill movements, and customs and courtesies making up the core. Air Force uniforms are worn one day per week. Air Force grooming standards will apply. Wellness involves calisthenics, running, and team sports. The Presidential Fitness Test is used to measure levels of physical fitness and focus individual exercise programs.

**Prerequisites:** Aerospace I

**Course Number:** MS1212

**Credit:** 1 credit

**Grade Placement:** 10-12

## AEROSPACE SCIENCE III AFJROTC

This is a 3 part course involving Space Exploration, Leadership, and Wellness. Space Exploration discusses the principles of propulsion systems, fundamentals of rocketry and its application to spacecraft, principles of space travel and physiological aspects of space exploration. Orbits and propulsion are also covered. Artificial satellites and space probes are studied. The leadership portion covers life skills, personal and professional management, finances, stress, citizenship, and ethics. Students employ these principles by holding key leadership positions in the corps. Wellness involves calisthenics, running, and team sports. The Presidential Fitness Test is used to measure levels of physical fitness and focus individual exercise programs.

**Prerequisites:** Aerospace II

**Course Number:** MS1213

**Credit:** 1 credit

**Grade Placement:** 11-12

## AEROSPACE SCIENCE IV AFJROTC

This is a 3 part course involving Corps Management, Principles of Management and Wellness. This course is unique to other aerospace science courses. Corps Management offers hands-on experience in the management of corps activities. Students must plan, organize, coordinate, direct, and control corps activities. They practice communication, decision-making, personal interaction, managerial and organizational skills. The Principles of Management leadership course teaches students the principles of discipline, standards, and conduct in all daily endeavors. Career guidance is offered. Wellness involves calisthenics, running, and team sports. The Presidential Fitness Test is used to measure levels of physical fitness and focus individual exercise programs.

**Prerequisites:** Aerospace III

**Course Number:** MS1214

**Credit:** 1 credit

**Grade Placement:** 12

A young woman with blonde hair and glasses is focused on her work in a technical environment. She is wearing a dark, textured sweater over a light-colored collared shirt. She is holding a small component and appears to be working on a complex mechanical assembly. The background shows various parts of the machinery and a blurred industrial setting. The overall lighting is dim, with a blue tint, and the text is overlaid on the left side of the image.

# CAREER & TECHNICAL EDUCATION

# CAREER AND TECHNICAL EDUCATION



## CAREER EDUCATION

Career education has changed in the past 20 years to better meet the needs of students competing in a global economy. Members of business and industry want employees to possess a strong work ethic, a variety of skills, and the ability to problem-solve.

The goal of career education in the Arlington ISD is to equip students with the technical and professional skills necessary to succeed in today's high-demand occupational environment.

Students learn to apply the career development process to their lives by getting to know themselves, investigating career fields of interest, identifying related education and training programs, and developing job search skills.

Planning for tomorrow begins today. Arlington ISD's Career and Technical Education Department can help students decide what career path to follow and teach them the skills they will need to achieve success.

## CAREER PRACTICUMS

Combine your classroom instruction with employment experiences to obtain the skills to be successful in a fast-changing workplace.

Industry-specific practicums allow you to apply classroom knowledge in relevant work situations, encouraging the development of job-specific skills including job interview techniques, human relations skills, portfolio development, and communication skills. This on-the-job experience supports your preparedness for college and career success.

## INDUSTRY CERTIFICATIONS

Students who leave high school with one or more industry certifications are a step ahead in job readiness. Holding a certificate that is recognized by business and industry gives you an edge as you compete for your first job. The certification connects everything you have learned to professional standards with the credibility of industry-level recognition. Industry certification exams measure your abilities against that of professionals.



# ARLINGTON ISD OFFERS INDUSTRY CERTIFICATION EXAMS AND COVERS 100% OF THE COST.



- Adobe Certified Associate:
  - Animate
  - Illustrator
  - InDesign
  - Photoshop
  - Premiere Pro
- AISD Letter of Intent (Education & Training)
- American College of Sports Medicine Certified Personal Trainer
- ASE Student Certification
- Autodesk 3D Studio Max Certified Associate
- Autodesk Certified User in Revit Architecture
- AWS Welding Certifications
- Basic Structure Fire Protection Certification
- Certified Billing & Coding Specialist (CBCS)
- Certified Medical Assistant
- Certified Pharmacy Technician
- Customer Service Certifications
- Certified Solidworks Associate (CSWA)
- Certified Veterinary Assistant, Level 1
- CompTIA A+ Certification
- EKG Technician
- Emergency Medical Technician
- Emergency Telecommunicator Certification
- FANUC Robot Operator I
- Intuit QuickBooks Certified User (QBCU)
- Microsoft Office Specialist Certifications
- OSHA General Industry - 10-hr
- OSHA 10-hour General Industry Healthcare Certification
- Phlebotomy Technician
- ServSafe Food Handler
- ServSafe Manager
- S/P2 Safety Certification: Automotive
- Texas State Association: Floral Design Certifications
- Texas State Cosmetology Operator License
- Water Operators, Class D
- WD Certified Web Design Certification

# TAKE IT TO THE

## AISD CTE PROGRAMS OF STUDY

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- Accounting & Financial Services
- Animal Science: Veterinary Medicine
- Architectural Design
- Automotive
- Biomedical Sciences: PLTW
- Business Management
- Cosmetology & Personal Care Services
- Culinary Arts
- Design & Multimedia Arts:
  - Animation
  - Commercial Photography
  - Fashion Design
  - Graphic Design & Illustration
  - Video Game Design
- Digital Communications:
  - Audio/Video Technology
- Electrical: TRIO Pre-Apprenticeship
- Emergency Medical Technician
- Emergency Services: AISD Fire Academy
- Engineering: PLTW
- Entrepreneurship
- Health Informatics
- Healthcare Therapeutic Services: Medical Assistant
- Healthcare Therapeutic Services: Pharmacy Technician
- Information Technology Support & Services
- Law Enforcement: AISD Police Academy
- Law Enforcement: Correctional Services
- Lodging & Resort Management
- Manufacturing Technology: CNC
- Marketing & Sales
- Plant Science: Horticulture & Floral Design
- Programming & Software Development
- Robotics
- Sports Medicine
- Teaching & Training
- Travel, Tourism, & Attractions
- Welding

## WORKFORCE DUAL CREDIT PROGRAMS OF STUDY

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- Accounting Assistant I
- Architectural CAD Operator
- Automotive Engine Analysis
- Business I
- CISCO Support
- CNC Machinist Technology
- Computer-Aided Drafting & Design
- Criminal Justice\*
- Culinary Arts
- Education & Training\*
- Game and Simulation Programming
- HVAC
- Information Technology
- Welding

*\*These are UTA Programs of Study*

# NEXT LEVEL

## GUIDING STUDENT TOWARD COLLEGE & CAREER READINESS

Today's occupational environment has changed tremendously from previous generations. No longer is a high school diploma adequate to maintain a middle-class lifestyle. Most high-wage, high-skill, and high-demand careers require education or training beyond high school. To be competitive in the job market today, you must plan to obtain training or education beyond high school, whether it is an associate's degree, a bachelor's degree, a professional degree, military service, career education, or significant on-the-job training.

Arlington ISD Career and Technical Education has implemented many programs of study within the 16 federally defined career clusters. You may choose courses from one or several of the clusters during high school; however, concentrated study in one area gives you the advantage of developing higher-level workplace skills and knowledge for a particular career field.

Our goal for AISD graduates is for them to be prosperous, thriving, and internationally competitive. Career education plays a central role in preparing for a new knowledge-based economy. This is why we offer multiple educational and career training options with community and business partners. The Career Clusters framework provides a positive tool for educators, businesses, and for students.

## DAN DIPERT CAREER + TECHNICAL CENTER (CTC)

In 2014, voters approved a bond package. Included in the package was a district-wide career and technical education center and a district-wide agricultural science facility with new opportunities and programs for students.

Over thirty programs of study are available at the Dan Dipert Career + Technical Center (CTC) with most courses being junior or senior level. Our mission is to provide a hands-on, student-centered educational experience allowing students to be exceptionally prepared for the workforce or college upon high school graduation. With classrooms emulating real working environments, you will forget you are in school.

## AGRICULTURAL SCIENCE CENTER

The Agricultural Science Center hosts two programs of study including veterinary medicine and welding. With two classrooms, a welding lab and livestock facilities, students from across the district can elect to take courses on the cutting-edge of agricultural science.

## FAQS

### **How do I know if the class I want to take is offered at the CTC, my high school or the Agricultural Science Center?**

Throughout this handbook are recommended programs of study. Each course in the sequence is color-coded so that students will know if the course is offered on their home campus, CTC, Agricultural Science Center, or in a few cases, multiple locations.

### **How will I get to the CTC or Agricultural Science Center?**

Students are able to take their own transportation to these facilities or utilize district provided bus transportation. Please refer to the side-by-side bell schedule comparisons for more details.

### **How do I sign up to take a course at the CTC or Agricultural Science Center?**

Students will need to select the course or courses they would like to take in xello, the district college & career exploration program.



**Agriculture, Food  
& Natural Resources**



**Architecture  
& Construction**



**Arts, A/V Technology  
& Communications**



**Business, Finance,  
& Marketing**



**Education  
& Training**



**Energy**



**Health Science**



**Hospitality  
& Tourism**



**Human  
Services**



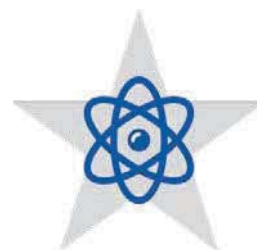
**Information  
Technology**



**Law, Public Safety,  
Corrections  
& Security**



**Manufacturing**



**Science, Technology,  
Engineering  
& Mathematics**



**Transportation,  
Distribution  
& Logistics**



# BUSINESS & INDUSTRY ENDORSEMENT

## AGRICULTURE, FOOD & NATURAL RESOURCES

- CC1210 Principles of Agriculture, Food & Natural Resources
- CC1211 Small Animal Management
- CC1212 Equine Science
- CC1213 Livestock Production
- CC1214 Advanced Animal Science
- CC1216 Veterinary Medical Applications
- CC1217 Horticultural Science
- CC1218 Floral Design
- CC1219 Agricultural Mechanics & Metal Technologies
- CC4216 Practicum in Agriculture – Veterinary Assistant\*
- CC4217 Practicum in Agriculture – Floral Design\*

## ARCHITECTURE & CONSTRUCTION

- CC1221 Interior Design
- CC1223 Principles of Construction
- CC1222 Architectural Design I
- CC4222 Architectural Design II
- CC1202 TRIO- Applied Math for Technical Professionals
- CC1224 TRIO - Electrical Technology I
- CC4225 TRIO - Electrical Technology II
- CC4220 Construction Technology Practicum\*
- Dual Credit in Architecture & Construction

## ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

- CC1256 Fashion Design I
- CC4257 Fashion Design II
- CC1225 Animation I
- CC4226 Animation II
- CC1227 Commercial Photography I
- CC1228 Commercial Photography II
- CC4228 Practicum in Photography\*
- CC1226 Audio/Video Production I
- CC4230 Audio/Video Production II
- CC1231 Graphic Design & Illustration I
- CC4232 Graphic Design & Illustration II
- CC1229 Digital Audio Technology I
- CC1230 Digital Audio Technology II
- CC1232 Video Game Design
- CC4231 Practicum in Video Game Design
- CC4233 Practicum in Arts, Audio/Video & Communications\*
- TA1245 Game Programming and Design
- TA1255 Digital Design & Media Production
- Dual Credit Arts, Audio/Video & Communications

## BUSINESS MANAGEMENT & ADMINISTRATION

- CC1233 Principles of Business, Marketing & Finance
- CC1234 Business Information Management I
- CC1235 Business Information Management II
- CC1237 Business Law
- CC1238 Global Business CC1239
- CC1239 Mapping Your Future

- CC4234 Practicum in Business Management & Finance
- Dual Credit Business Management & Administration

## FINANCE

- CC1240 Money Matters
- CC1241 Banking & Financial Services
- CC1242 Accounting I
- CC1343 Accounting II
- CC4234 Practicum in Business Management & Finance\*
- Dual Credit Finance

## HOSPITALITY SERVICES

- CC1254 Introduction to Culinary Arts
- CC4254 Culinary Arts
- CC4255 Advanced Culinary Arts
- CC1253 Travel & Tourism Management
- CC4253 Hospitality Services
- CC4256 Practicum in Culinary Arts\*
- CC4258 Practicum in Hospitality Services\*
- Dual Credit Culinary Arts

## INFORMATION TECHNOLOGY

- TA1265 Web Design
- CC4274 Computer Maintenance
- CC4275 Computer Technician Practicum\*
- Dual Credit Information Technology

## MANUFACTURING

- CC1277 Introduction to Welding
- CC4277 Welding I
- CC4278 Welding II
- CC4279 Precision Metal Manufacturing (CNC) I
- CC4280 Precision Metal Manufacturing (CNC) II
- CC4281 Practicum in Manufacturing\*
- Dual Credit Manufacturing

## MARKETING

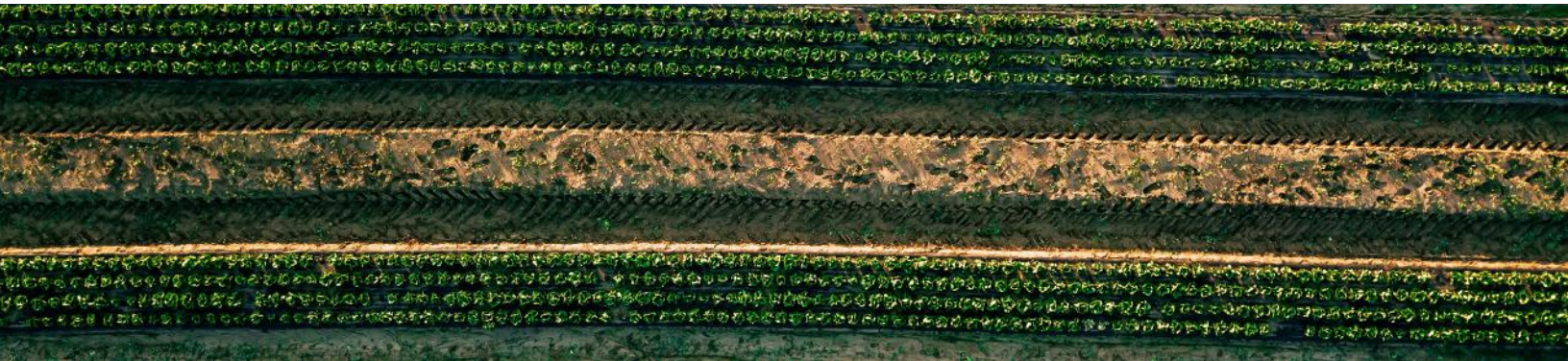
- CC1245 Entrepreneurship
- CC1246 Sports & Entertainment Marketing I
- CC1259 Sports & Entertainment Marketing II
- CC1247 Social Media Marketing
- CC1248 Advertising
- CC1257 Fashion Marketing
- CC4245 Practicum in Marketing\*

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

- CC4285 Automotive Technology I
- CC4286 Automotive Technology II
- CC4287 Practicum in Transportation\*
- Dual Credit Automotive

*\*Eligibility verification at district level is required. See counselor for more information. Refer to page 166 for additional details.*

# AGRICULTURE, FOOD, AND NATURAL RESOURCES



## PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES

This course provides a foundation for students pursuing careers in food safety, animal breeding and health, and farming efficiency. They will develop leadership skills in the student organization and through their supervised agriculture experience as they study and develop technical knowledge and skills related to plant and soil systems, animal systems, and food products and processing systems. They will learn to perform basic power, structural and technical system skills in ag applications and will study the relationship of agriculture, food, and natural resources to that of safety, health, and the environment.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1210

**Credit:** 1 credit

**Grade Placement:** 9-12

## SMALL ANIMAL MANAGEMENT

This course provides a foundation for students pursuing careers in food safety, animal breeding and health, and farming efficiency. They will develop leadership skills in the student organization and through their supervised agriculture experience as they study and develop technical knowledge and skills related to plant and soil systems, animal systems, and food products and processing systems. They will learn to perform basic power, structural and technical system skills in ag applications and will study the relationship of agriculture, food, and natural resources to that of safety, health, and the environment.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1211

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## EQUINE SCIENCE

Students will recognize the importance of the equine industry including equestrian, racing, rodeo, and therapy. They will describe the skeletal, muscular, respiratory, reproductive, and circulatory systems and will study equine nutritional needs; equine management, such as equipment and facilities, safe handling, and breeding procedures; and the identification, control, and treatment of equine pests and diseases. Equine species may include, but are not limited to: horses, donkeys, and mules.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1212

**Credit:** 1/2 credit

**Grade Placement:** 10-12

## LIVESTOCK PRODUCTION

Students will assess the importance of U.S. livestock production on the world commodity markets as they study livestock breeding and nutrition, commodity prices and costs, and business operations. They will learn to track performance data; describe common veterinary procedures and skills; practice animal restraint techniques; and explain the anatomy and physiology related to nutrition, reproduction, health, and management. Species to be addressed may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

**Prerequisites:** None **Location:** CTC or Ag. Science Center  
**Course Number:** CC1213 **Credit:** 1 credit **Grade Placement:** 10-12

## ADVANCED ANIMAL SCIENCE

Students will examine the interrelatedness of human, scientific, and technological dimensions of livestock production through both field and laboratory investigations using scientific methods and equipment. They will study principles of breeding, reproduction, genetics and heredity; anatomy and physiology of different livestock species; nutritional requirements of ruminant and non-ruminant animals; and animal diseases and parasites. This course satisfies a high school science graduation requirement.

**Prerequisites:** Biology and Chemistry or IPC: Algebra I and Geometry: and either Small Animal Management, Equine Science or Live Stock Production.

### Recommended

**Prerequisite:** Veterinary Medical Applications **Location:** Ag. Science Center  
**Course Number:** CC1214 **Credit:** 1 credit **Grade Placement:** 11-12

## VETERINARY MEDICAL APPLICATIONS

Students will explore career opportunities in the veterinary field as they learn to perform veterinary assistant tasks. They will study animal systems and care, veterinary hospital management, and medical terminology. They will explore animal identification, characteristics, behavior, and temperament; the purpose and function of body systems; animal diseases; and nutritional requirements. Students will learn to support animal doctors and technicians in their daily tasks by cleaning and maintaining equipment, feeding, exercising and grooming patients, preparing and sanitizing surgery suites, and restraining and handling patients.

**Prerequisites:** Equine Science, Small Animal Management or Livestock Production **Location:** Ag. Science Center  
**Course Number:** CC1216 **Credit:** 1 credit **Grade Placement:** 11-12

## HORTICULTURAL SCIENCE

Students will identify career and entrepreneurial opportunities in the field of horticulture as they develop technical skills in the management and production of horticultural plants. The greenhouse is used to provide hands-on experience as students learn to classify plants, manage the horticultural production environment, propagate plants, create designs and landscapes using plants, and describe the processes of fruit, nut, and vegetable production.

### Recommended

**Prerequisite:** None **Location:** CTC  
**Course Number:** CC1217 **Credit:** 1 credit **Grade Placement:** 11-12

## FLORAL DESIGN

*#Certification opportunity: Texas State Association Floral Design Certifications*

Students will analyze and create floral designs through the identification of design principles and techniques in floral art and interiorscapes, using cut flowers as well as silk flowers. They will develop skill in the management factors of floral enterprises such as: control of temperature, preservatives, and cutting techniques; identification of tools, chemicals, and equipment used in floral design; and management of pests. This course satisfies the fine arts graduation requirement

**Prerequisite:** None

**Location:** CTC

**Course Number:** CC1218

**Credit:** 1 credit

**Grade Placement:** 11-12

## AGRICULTURE MECAHNICS AND METAL TECHNOLOGIES

Students will acquire technical knowledge and skills related to power, structural, and technical agricultural systems including principles of electricity and wiring, plumbing, concrete construction, carpentry, fencing, and hot and cold metal techniques. Students will learn to safely use hand tools as well as oxy-fuel welding and cutting equipment and electric-arc welding equipment.

**Prerequisites:** None

**Location:** Ag. Science Center

**Course Number:** CC1219

**Credit:** 1 credit

**Grade Placement:** 10-12

## PRACTICUM IN AGRICULTURE-VETERINARY ASSISTANT

*#Certification opportunity: Certified Veterinarian Assistant, Level 1.*

This capstone course is designed to give students an opportunity to develop the knowledge and skills necessary for taking the Certified Veterinary Assistant exam. They will work both in the classroom and in unpaid positions in local animal clinics in preparation for this exam. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s).

**Prerequisites:** Veterinary Medical Applications

**Location:** Ag. Science Center

**Course Number:** CC4216

**Credit:** 2 credits

**Grade Placement:** 12

## PRACTICUM IN AGRICULTURE - FLORAL DESIGN

This course is designed to give students supervised practical application of previously studied knowledge and skills in an unpaid arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course may or may not need to have their own transportation, dependent on their practicum site(s). This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.



**Location:** CTC

**Course Number:** CC4217

**Credit:** 2 credits

**Grade Placement:** 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	CC1214 Advanced Animal Science*	CC1214 Advanced Animal Science*
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	CC1261 Medical Terminology*	CC1261 Medical Terminology*	Elective	Elective	CC4216 Practicum in Agriculture- Veterinary Assistant	CC4216 Practicum in Agriculture- Veterinary Assistant
ELECTIVES (7+)	CC1210 Principles of Agriculture, Food & Natural Resources	CC1210 Principles of Agriculture, Food & Natural Resources	CC1211 Small Animal Management or CC1213 Livestock Production	CC1212 Equine Science or CC1213 Livestock Production	CC1216 Veterinary Medical Applications	CC1216 Veterinary Medical Applications	Veterinary Assistant Certification 	Veterinary Assistant Certification 

**KEY**

**AG SCIENCE CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY **

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1214 Advanced Animal Science - Qualifies as Advanced Science Credit  
 CC1261 Medical Terminology





FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1217 Horticultural Science*	CC1217 Horticultural Science*		
ELECTIVES (7+)	Elective	Elective	CC1210 Principles of Agriculture, Food & Natural Resources	CC1210 Principles of Agriculture, Food & Natural Resources	CC1218 Floral Design Qualifies as Fine Arts Credit Texas Floral Design Certification !	CC1218 Floral Design Qualifies as Fine Arts Credit Texas Floral Design Certification !	CC4217 Practicum in Agriculture Floral Design	CC4217 Practicum in Agriculture Floral Design

**KEY**

**AG SCIENCE CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1217 Horticultural Science



# ARCHITECTURE AND CONSTRUCTION



## INTERIOR DESIGN

This course addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and compete in industry.

**Prerequisites:** Algebra I and English I

**Location:** Home Campus

**Course Number:** CC1221

**Credit:** 1 credit

**Grade Placement:** 10-12

## PRINCIPLES OF CONSTRUCTION

This class provides an overview to the various fields of architecture and construction, including career opportunities in the fields. Students will be introduced to the safe use of hand tools and power tools and the care and maintenance of these tools. They will learn to provide material and time estimates for projects and interpret architectural and engineering working drawings and specifications used in construction.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1223

**Credit:** 1 credit

**Grade Placement:** 9-12

## ARCHITECTURAL DESIGN I

Students will gain knowledge of the design principles, history, techniques, and tools related to the production of drawings, renderings, and scaled models for residential or non-residential purposes. They will learn about building code and zoning requirements; draw schematic site plans, floor plans, building elevations, sections, and perspectives; compare the use of architectural elements such as form, color, texture, and space; and develop an understanding of architectural history and culture.

**Prerequisites:** Algebra I and English I

**Location:** Home Campus

### Recommended

**Prerequisites:** Geometry

**Grade Placement:** 10-12

**Course Number:** CC1222

**Credit:** 1 credit

## ARCHITECTURAL DESIGN II

*#Certification opportunity- Autodesk Revit Certified User: Revit Architecture*

Students will gain advanced knowledge and skills in the design principles, design history, techniques, and tools of architectural design. They will develop a foundation for entry into a career in architecture or into a postsecondary degree program. Tasks will include estimating job costs and developing schedules, demonstrating the ability to safely use tools and equipment, and developing advanced skill in the use of computer- aided drafting and emerging technologies in the field. They will apply these concepts to simulated and actual work situations.

**Prerequisites:** Architectural Design I and Geometry

**Location:** CTC

**Course Number:** CC4222

**Credit:** 2

**Grade Placement:** 11-12

## TRIO - APPLIED MATH FOR TECHNICAL PROFESSIONALS

Students use problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to specific electrical applications provide students opportunities to make connections with mathematics and the workplace in the electrical career fields. In addition, students will learn the skills necessary to communicate using mathematics. Hands-on activities will allow students to model, explore, and develop abstract concepts applicable to technical careers. This course must be taken concurrently with CC1224

*This course satisfies a high school mathematics graduation requirement.*

**Prerequisites:** Concurrent enrollment in CC1224. Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC1202

**Credit:** 1 credit

**Grade Placement:** 11-12

## TRIO - ELECTRICAL TECHNOLOGY I

This is the first course in the TRIO pre-apprenticeship program. Students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications. Students will begin earning hours towards an electrician journeyman's license and prepare for a summer internship. This course must be taken concurrently with CC1202.

**Prerequisites:** Concurrent enrollment in CC1202. Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC1224

**Credit:** 1 credit

**Grade Placement:** 11-12

## TRIO - ELECTRICAL TECHNOLOGY II

This is the second year of the TRIO pre-apprenticeship program. Students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation. Students will continue earning hours towards an electrician journeyman's license and prepare for US Department of Labor apprenticeship training upon graduation.

**Prerequisites:** Electrical Tech I and Trio Math

**Location:** CTC

**Course Number:** CC4225

**Credit:** 2 credits

**Grade Placement:** 12

## CONSTRUCTION TECHNOLOGY PRACTICUM

This capstone course is designed to give students supervised practical application of previously studied knowledge and skills in an unpaid arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s).

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4220

**Credit:** 2 credits

**Grade Placement:** 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	Elective	Elective	CC4221 Practicum in Architectural Design	CC4221 Practicum in Architectural Design
ELECTIVES (7+)	CC1221 Interior Design	CC1221 Interior Design	CC1222 Architectural Design I	CC1222 Architectural Design I	CC4222 Architectural Design II Autodesk Revit Certified Associate !	CC4222 Architectural Design II Autodesk Revit Certified Associate !		
TCC COMPUTER AIDED DRAFTING & DESIGN OPTION					Technical Drafting Business Computer Applications	Computer Aided Drafting Residential Architectural Drafting	English Composite Advanced Technical Architectural Design	Commercial Architectural Design Advanced Drafting
TCC ARCHITECTURAL CAD OPERATOR OPTION							Architectural Computer Graphics - Summer before senior year Architectural Design I Architectural Technology	Architectural Design II Mechanical & Electrical Systems Architectural Practicum

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC4420 Construction Technology Practicum*	CC4420 Construction Technology Practicum*
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1202 TRIO Math for Technicians  CC1224** Electrical Technology I  **CC1202 & CC1224 must be taken concurrently	CC1202 TRIO Math for Technicians  CC1224** Electrical Technology I	CC4225 Electrical Technology II	CC4225 Electrical Technology II
ELECTIVES (7+)	Elective	Elective	CC1223 Principles of Construction	CC1223 Principles of Construction				
					Technical Calculations  Basic Electrical for HVAC	Refrigeration Principles  Advanced Electricity for HVAC	Air Conditioning Installation and Startup	Residential Air Conditioning (Capstone)

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC4420 Construction Technology Practicum



## FASHION DESIGN I

Students will develop an understanding of the fashion industry with an emphasis on design and construction. Principles and elements of effective design will be applied as the students demonstrate effective construction techniques through creation of original clothing and accessories. They will evaluate the factors influencing the apparel industry: labor laws, environment, technology, fashion cycle, and economic cycles.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1256

**Credit:** 1 credit

**Grade Placement:** 10-12

## FASHION DESIGN II

Students will develop an advanced understanding of the fashion industry, possible careers and entrepreneurship opportunities, leadership skills, and technology in the fashion, textile, and apparel field. The students will produce quality fashion products, demonstrate techniques used in personal fashion image analysis, and will create a portfolio of fashion designs.

**Prerequisites:** Fashion Design I

**Location:** SHHS ONLY

**Course Number:** CC4257

**Credits:** 2

**Grade Placement:** 11-12

## ANIMATION I

*#Certification opportunity: Adobe Certified Associate: Animate*

Students will apply academic knowledge and skills in the creation of animation projects through storyboarding, modeling, editing, and scene development. They will apply ethical decision making regarding the laws of using technology in animation, including client confidentiality and providing proper credit. They will develop their technical skills, recognize the principles and elements of design, and research the history and evolution of animation.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1225

**Credit:** 1

**Grade Placement:** 10-12

## ANIMATION II

*Certification opportunity: Autodesk 3D Studio Max Certified Associate.*

Students will develop advanced understanding and skills in the field of animation. They will use advanced production elements such as transitions, edits, framing, angle, and lighting techniques; orthographic and isometric drawing techniques; and commercial production applications. They will learn to analyze target audiences; design color and compositional elements, characters, environments, and props; incorporate music and sound effects; render scenes; and produce titles and credits.

**Prerequisites:** Animation I

**Location:** CTC

**Course Number:** CC4226

**Credit:** 2

**Grade Placement:** 11-12

## COMMERCIAL PHOTOGRAPHY I

Students will develop an understanding of the commercial photography industry and career opportunities with a focus on creating quality photographs. They will analyze and apply the elements and principles of art to photographs; demonstrate knowledge of different types of cameras and lenses; practice photographic composition and layout; identify the characteristics of different types of photographic media; and demonstrate knowledge of the basics of digital photography.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1227

**Credit:** 1

**Grade Placement:** 9-12

## COMMERCIAL PHOTOGRAPHY II

Students will build on the concepts taught in Commercial Photography I and develop an advanced understanding of the industry. They will build technical skill in the field as well as develop their employability skills such as critical-thinking, ethical decision making, and time management.

**Prerequisites:** Commercial Photography I

**Location:** Home Campus

**Course Number:** CC1228

**Credit:** 1

**Grade Placement:** 9-12

## PRACTICUM IN PHOTOGRAPHY

This capstone course is designed to give students supervised practical application of previously studied knowledge and skills in an arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4228

**Credit:** 2

**Grade Placement:** 12

## AUDIO/VIDEO PRODUCTION I

Students will understand the evolution and current trends of modern video broadcast production techniques in fields such as television, film and multimedia production. Students will apply legal and ethical decision-making skills and develop a basic understanding of the audio and video production process. They will describe and practice various videography techniques such as framing, composition, focus, and exposure and will design and implement pre-production and post-production processes as they use current technology in various settings.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1226

**Credit:** 1

**Grade Placement:** 10-12

## AUDIO/VIDEO PRODUCTION II

*#Certification opportunity: Adobe Certified Associate- Premiere Pro*

Students will build on the concepts taught in Audio/Video Production I and develop an advanced understanding of the industry, including identifying the responsibilities and relationships of the production team. They will understand the regulatory agency guidelines and technical broadcast standards of the FCC and will apply the pre-production, production, and post-production processes to various project assignments.

**Prerequisites:** Audio/Video Production I

**Location:** CTC

**Course Number:** CC4230

**Credit:** 2

**Grade Placement:** 11-12



## GRAPHIC DESIGN AND ILLUSTRATION I

*#Certification opportunity: Adobe Certified Associate- Photoshop*

Photoshop Students will apply academic, communication, and technology skills in art and design projects as they learn about the career opportunities in the field. They will use art elements and principles including photographic works, multimedia applications, and digital and print media to create original two- or three-dimensional projects.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1231

**Credit:** 1

**Grade Placement:** 11-12

## GRAPHIC DESIGN AND ILLUSTRATION II

*#Certification opportunity: Adobe Certified Associate – Illustrator and Adobe Certified Associate – InDesign.* Students will develop an advanced understanding of graphic design and illustration. They will be expected to interpret, evaluate, and justify design decisions and to identify and apply art elements and principles to designs and illustrations as they develop skill in composition, perspective, color choices, and printing concepts.

**Prerequisites:** Graphic Design and Illustration I or Graphic Design III (FA1225)

**Location:** CTC

**Course Number:** CC4232

**Credit:** 2

**Grade Placement:** 12

## VIDEO GAME DESIGN

Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1232

**Credit:** 1

**Grade Placement:** 9-12

## PRACTICUM IN VIDEO GAME DESIGN

Building upon the principles learned throughout the Video Game Creation program, students continue to hone their skills in creating various assets. Students focus on areas in which they are interested in order to complete projects that showcase their knowledge in that area of video game creation. Students also work to complete a portfolio that showcases what they have learned throughout the program. *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4231

**Credit:** 2

**Grade Placement:** 12

## DIGITAL AUDIO TECHNOLOGY I

Students will develop an understanding of the multiple audio production career opportunities that exist in radio, film, animation, game design, and live productions such as concerts or theatre as they learn to work with audio production equipment including different microphones, audio consoles, equalizers, recording devices, and cabling. They will study production elements such as dialogue, sound effects, music and environment.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1229

**Credit:** 1

**Grade Placement:** 12

## DIGITAL AUDIO TECHNOLOGY II

Students will develop advanced understanding and skills in the field of digital audio technology. They will become increasingly familiar with the legal and ethical regulations of the FCC and will practice applying these skills to their advanced technical opportunities as they work on various projects.

**Prerequisites:** Digital Audio Technology I

**Location:** CTC

**Course Number:** CC1230

**Credit:** 1

**Grade Placement:** 12

## GAME PROGRAMMING AND DESIGN

This course will foster student creativity and innovation to solve gaming problems. Students will design and implement programs to develop programs incorporating graphics and gaming strategies. Students will identify task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** TA1245

**Credit:** 1/2

**Grade Placement:** 9-12

## DIGITAL DESIGN AND MEDIA PRODUCTION

This course was previously titled Multimedia Production. Students will gather and create electronic information, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles and will transfer those skills to other disciplines.

**Prerequisites:** Proficiency with grade 8 technology TEKS

**Location:** Home Campus

**Course Number:** TA1255

**Credit:** 1

**Grade Placement:** 9-12

## PRACTICUM IN ART, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS

This course is designed to give students supervised practical application of previously studied knowledge and skills in an unpaid arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4233

**Credit:** 2

**Grade Placement:** 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	CC1229 Digital Audio Technology I*	CC1229 Digital Audio Technology I*	CC1230 Digital Audio Technology II*	CC1230 Digital Audio Technology II*
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective				
ELECTIVES (7+)	TA1255 Digital Design & Media Production	TA1255 Digital Design & Media Production	CC1225 Animation I Adobe Animate Certification	CC1225 Animation I Adobe Animate Certification	CC4226 Animation II Autodesk 3D Studio Max Certification	CC4226 Animation II Autodesk 3D Studio Max Certification	CC4233 Practicum in Art, Audio/Video Technology & Communications	CC4233 Practicum in Art, Audio/Video Technology & Communications

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY** !

*\*Additional Electives*





Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

TA1255 Digital Design & Multimedia

CC1229 Digital Audio Technology I

CC1230 Digital Audio Technology II



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	CC4232 Graphic Design & Illustration II* Adobe Illustrator Certification Adobe InDesign Certification 	CC4232 Graphic Design & Illustration II* Adobe Illustrator Certification Adobe InDesign Certification 
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1231 Graphic Design & Illustration I* Adobe Photoshop Certification 	CC1231 Graphic Design & Illustration I* Adobe Photoshop Certification 	CC4228 Practicum in Photography	CC4228 Practicum in Photography
ELECTIVES (7+)	Elective	Elective	CC1227 Commercial Photography I	CC1227 Commercial Photography I	CC1228 Commercial Photography II	CC1228 Commercial Photography II		

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY **


*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC4231 Graphic Design & Illustration I

CC4232 Graphic Design & Illustration II



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	CC1257 Fashion Marketing* SW Airlines Professional Communication Certification Located at SHHS Only 	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4257 Fashion Design II	CC4257 Fashion Design II	CC4233 Practicum in Art, Audio/Video Technology & Communications	CC4233 Practicum in Art, Audio/Video Technology & Communications
ELECTIVES (7+)	Elective	Elective	CC1256 Fashion Design I	CC1256 Fashion Design I	Located at SHHS Only	Located at SHHS Only		

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY **

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1257 Fashion Marketing



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC4233 Practicum in Art, Audio/Video Technology & Communications	CC4233 Practicum in Art, Audio/Video Technology & Communications
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	Elective	Elective	CC4232 Graphic Design & Illustration II  Adobe Illustrator Certification	CC4232 Graphic Design & Illustration II  Adobe Illustrator Certification
ELECTIVES (7+)	CC1227 Commercial Photography I*	CC1227 Commercial Photography I*	CC1228 Commercial Photography II*	CC1228 Commercial Photography II*	CC1231 Graphic Design & Illustration I  Adobe Photoshop Certification	CC1231 Graphic Design & Illustration I  Adobe Photoshop Certification		

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY** 

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

FA1220 Art I

CC1227 Commercial Photography I

CC1228 Commercial Photography II





FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	TA1255 Digital Design and Media Production	TA1255 Digital Design and Media Production	Elective	Elective	CC4231 Practicum in Video Game Design	CC4231 Practicum in Video Game Design
ELECTIVES (7+)	CC1232 Video Game Design	CC1232 Video Game Design	CC1225 Animation I	CC1225 Animation I	CC4226 Animation II  Autodesk 3D Studio Max Certified Professional	CC4226 Animation II  Autodesk 3D Studio Max Certified Professional	Autodesk 3D Studio Max Certified Professional	Autodesk 3D Studio Max Certified Professional
TCC GAME & SIMULATION OPTION					Introduction to Game Design & Development  Level Design	Video Game Art I  Video Game Design	Interactive Audio  Portfolio for Game Development	

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

TA1245 Game Programming and Design



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC1230 Digital Audio Technology II*	CC1230 Digital Audio Technology II*
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	CC1229 Digital Audio Technology I	CC1229 Digital Audio Technology I		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4230 Audio/Video Production II	CC4230 Audio/Video Production II	CC4228 Practicum Art, Audio/Video Technology, & Communications	CC4228 Practicum Art, Audio/Video Technology, & Communications
ELECTIVES (7+)	CC1227 Commercial Photography I*	CC1227 Commercial Photography I*	CC1226 Audio/Video Production I	CC1226 Audio/Video Production I	Adobe Premiere Pro Certification 	Adobe Premiere Pro Certification 		

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY**

*\*Additional Electives*

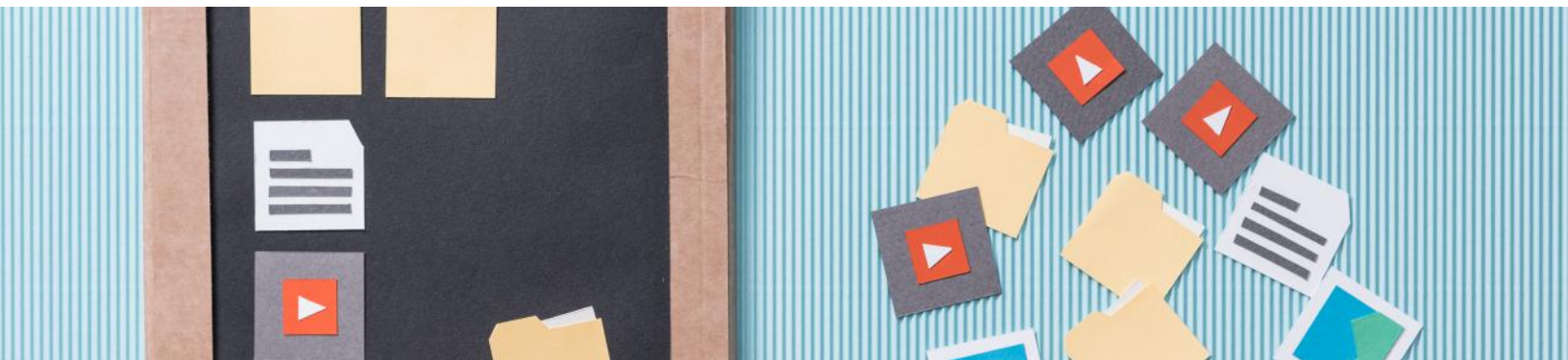
Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1227 Commercial Photography I

CC1229 Digital Audio Technology I

CC1230 Digital Audio Technology II

# BUSINESS, FINANCE, & MARKETING



## PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE

This introductory course will give students knowledge of private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. They will practice word processing and other technological communication skills as they learn to analyze the sales process and financial management principles, the role that government and the legal system play in business, and the principles of money.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1233

**Credit:** 1

**Grade Placement:** 9-12

## BUSINESS INFORMATION MANAGEMENT I

Students will apply technical skills to address business applications of emerging technologies, create word-processing documents, develop spreadsheets, formulate a database, and make an electronic presentation using appropriate software. They will implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1234

**Credit:** 1

**Grade Placement:** 9-12

## BUSINESS INFORMATION MANAGEMENT II

*#Certification opportunity: Microsoft Office Specialist Exams (MOS)*

Students will develop advanced technical skills and show mastery to an industry standard through success on the Microsoft Office exams. They will develop management and communication skills as they create, interpret, and share items such as tables, charts, and infographics to accomplish specific occupational tasks.

**Prerequisites:** Business Information Management I

**Location:** Home Campus

**Course Number:** CC1235

**Credit:** 1

**Grade Placement:** 10-12

## BUSINESS LAW

Students will learn the terminology of the legal field and will identify the different types of law, courts, and regulations in the judicial system. They will explain the difference in personal and real property, identify the principles of contracts in business, research negotiable instruments, analyze the concepts of agency and employment, and identify the different types of business organizations and how they differ within the legal system.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** C1237

**Credit:** 1

**Grade Placement:** 11-12

## GLOBAL BUSINESS

Students will analyze global trade theories, international monetary systems, trade policies, politics and laws relating to global business, as well as cultural issues, logistics, and international human resource management. Topics will include the International Monetary Fund, exchange rates, the North American Free Trade Agreement, global logistics, global advertising, and data analysis for international market potential.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1238

**Credit:** 1/2

**Grade Placement:** 10-12

## MAPPING YOUR FUTURE

This course is designed to prepare students for the transition from high school to post-secondary college and career pursuits. They will use the Xello Career Guidance System to do self-assessments, explore educational and career options, explore the college application process, learn about financial aid options, and learn about the job application process. They will apply technical communication and reasoning skills as they research their career and educational options and develop individual career portfolios highlighting their life goals and career plans for the future.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1239

**Credit:** 1/2

**Grade Placement:** 11-12

## PRACTICUM IN BUSINESS MANAGEMENT AND FINANCE

*Certification opportunity: SW Airlines Professional Communication Certification.*

This capstone course is designed to give students unpaid supervised practical application of previously studied knowledge and skills in an arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4234

**Credit:** 2

**Grade Placement:** 12

# FINANCE

## MONEY MATTERS

Students will investigate money management from a personal financial perspective. They will learn to manage their daily finances and will study various methods of achieving short- and long-term goals, such as investing, tax planning, asset allocation, risk management, retirement planning, and estate planning.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1240

**Credit:** 1

**Grade Placement:** 9-12

## BANKING AND FINANCIAL SERVICES

Students will develop knowledge in the economic, financial, technological, international, social, and ethical aspects of banking to become competent employees and entrepreneurs. They will incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society. Additional topics include credit, bank accounts, stock market, real estate, and international banking.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1241

**Credit:** 1/2

**Grade Placement:** 10-12

## ACCOUNTING I

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. They will learn accounting terminology, the fundamental accounting equation and its application to accounting procedures, and the basic steps in the accounting cycle. This course is strongly recommended for students planning to major in Business in college.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1242

**Credit:** 1

**Grade Placement:** 10-12

## FINANCIAL ANALYSIS

In Financial Analysis, students will apply knowledge and technical skills in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students will develop analytical skills by actively evaluating the financial results of multiple businesses, interpreting results for stakeholders, and presenting strategic recommendations for performance improvement. (QuickBooks Certification).

**Prerequisites:** Accounting I

**Location:** Home Campus

**Course Number:** CC1243

**Credit:** 1

**Grade Placement:** 10-12

## HONORS ACCOUNTING II

*#Certification opportunity: Intuit QuickBooks Certified User*

**This course receives weighted GPA.** In this second-year course, emphasis will be placed on partnerships, analysis of financial statements, and managerial and operational accounting. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will also be expected to complete a research paper each semester and a project during the second semester which will be presented in an academic paper. *This course satisfies a high school mathematics graduation requirement.*

**Prerequisites:** Accounting I

**Location:** Home Campus

**Course Number:** CC1343

**Credit:** 1

**Grade Placement:** 11-12

## PRACTICUM IN BUSINESS MANAGEMENT AND FINANCE

*Certification opportunity: SW Airlines Professional Communication Certification*

This course is designed to give students unpaid supervised practical application of previously studied knowledge and skills in an arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.      **Location:** CTC

**Course Number:** CC4234                                      **Credit:** 2                                      **Grade Placement:** 11-12



# MARKETING

## ENTREPRENEURSHIP

In this class students will learn what is needed to be a successful entrepreneur. They will develop an idea and write a business plan to develop and promote the business and its products and services as they develop an entrepreneurial mindset. They will study the concepts of capital requirements, return on investment, and profit potential. Students will have the opportunity to take their business plan to competition with Youth Entrepreneurs, the student organization for entrepreneurship.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1245

**Credit:** 1

**Grade Placement:** 11-12

## ENTREPRENEURSHIP II

Students will work in close cooperation with local industry leaders, community members, and educators to develop ideas and objectives, complete a business model canvas, pitch to potential investors, register with governmental agencies, and develop brand identity. The goal and outcome of the course is to have a business launched by the end of the course or have the tools necessary to launch and operate a business.

**Prerequisites:** Entrepreneurship

**Location:** CTC

**Course Number:** CC1275

**Credit:** 1

**Grade Placement:** 11-12

## SPORTS AND ENTERTAINMENT MARKETING I

This course will provide students with an understanding of the business side of the sports and entertainment industries. Students will learn the basics of marketing and develop original and creative ideas for entertainment and sports related businesses such as sponsorships, event marketing and promotions, and endorsement contracts through assignments, projects, computer simulations, and group activities.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1246

**Credit:** 1/2

**Grade Placement:** 11-12

## SPORTS AND ENTERTAINMENT MARKETING II

This advanced course is designed to build upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries. The course also supports career development skills and explores career options

**Prerequisites:** Sports & Entertainment Marketing I

**Location:** CTC

**Course Number:** CC1259

**Credit:** 1/2

**Grade Placement:** 11-12

## SOCIAL MEDIA MARKETING

This course investigates the rise of social media and how marketers integrate social media tools into their overall marketing strategy. Students will learn how to manage a successful social media presence for an organization, techniques for gaining customer buy-in to achieve their marketing goals, and how to properly select the platforms to engage consumers and measure the results of these efforts.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1247

**Credit:** 1/2

**Grade Placement:** 11-12

## ADVERTISING

This course provides a comprehensive look at how communication tools can be used to reach target audiences and increase consumer knowledge. Students will study advertising techniques such as print, broadcast, and digital; and they will explore the social, cultural, ethical, and legal issues of advertising and sales promotion.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1248

**Credit:** 1/2

**Grade Placement:** 11-12

## PRACTICUM IN MARKETING

*Certification opportunity: SW Airlines Professional Communication Certification.*

In this course students will have unpaid opportunities for first-hand experience in the area of marketing through experiences both in the classroom and in local businesses. These experiences may consist of observations, shadowing, and hands-on activities for two periods per day and will demonstrate the importance of a knowledge of economics, technology, marketing concepts and strategies in the business world. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4245

**Credit:** 2

**Grade Placement:** 12

## FASHION MARKETING

Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities. They will learn about the channels of distribution for fashion products; define the purpose and know the limitations of marketing research; learn to analyze pricing strategies to determine prices of products; and prepare a buying plan, purchase orders, and invoices.

**Prerequisites:** None

**Location:** SHHS Only





**Course Number:** CC1257

**Credit:** 1/2

**Grade Placement:** 11-12



**FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)**

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	CC1238 Global Business*	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	TA1265 Web Design*  Certified Web Designer Apprentice Certification 	TA1265 Web Design*  Certified Web Designer Apprentice Certification 	CC1237 Business Law*	CC1237 Business Law*	CC4234 Practicum in Business Management & Finance	CC4234 Practicum in Business Management & Finance
ELECTIVES (7+)	CC1233 Principles of Business, Marketing, & Finance	CC1233 Principles of Business, Marketing, & Finance	CC1234 Business Information Management I	CC1234 Business Information Management I	CC1235 Business Information Management II  MOS Certification 	CC1235 Business Information Management II  MOS Certification 		
TCC BUSINESS I OPTION					Business Principles  Principles of Macro Economics	Principles of Marketing  Principles of Micro Economics	Principles of Financial Accounting  Business Ethics	Principles of Managerial Accounting  Business Law I

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY **

**\*Additional Electives**

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

TA1265 Web Design  
CC1237 Business Law



**FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)**

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	CC1241 Banking & Financial Services *	CC1240 Money Matters	CC1240 Money Matters	CC4234 Practicum in Business Management & Finance	CC4234 Practicum in Business Management & Finance
ELECTIVES (7+)	CC1233 Principles of Business, Marketing, & Finance	CC1233 Principles of Business, Marketing, & Finance	CC1242 Accounting I	CC1242 Accounting I	CC1343 Honors Accounting II  Quickbooks Certification  !	CC1343 Honors Accounting II  Quickbooks Certification  !		
TCC ACCOUNTING ASSISTANT I OPTION					Business Computer Applications	Principles of Financial Accounting	English Composition I	Computerized Accounting Applications

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1240 Money Matters

CC1241 Banking & Financial Services



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	CC1248 Advertising*
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	TA1240 Mobile App Development	CC1247 Social Media Marketing*	CC4245 Practicum in Marketing	CC4245 Practicum in Marketing
ELECTIVES (7+)	CC1233 Principles of Business, Marketing & Finance*	CC1233 Principles of Business, Marketing & Finance*	CC1234 Business Information Management I*	CC1234 Business Information Management I*	CC1245 Entrepreneurship	CC1245 Entrepreneurship	SW Airlines Professional Communication Certification	SW Airlines Professional Communication Certification

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY** 

*\*Additional Electives*



Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1234 Business Information Management I

CC1247 Social Media Marketing

CC1248 Advertising



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	CC1248 Advertising*
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1248 Advertising	CC1247 Social Media Marketing*	CC4245 Practicum in Marketing	CC4245 Practicum in Marketing
ELECTIVES (7+)	CC1233 Principles of Business, Marketing & Finance*	CC1233 Principles of Business, Marketing & Finance*	CC1234 Business Information Management I*	CC1234 Business Information Management I*	CC1246 Sports & Entertainment Marketing I	CC1259 Sports & Entertainment Marketing II	SW Airlines Professional Communication Certification 	SW Airlines Professional Communication Certification 

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY **

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1234 Business Information Management I

CC1257 Fashion Marketing



# HOSPITALITY SERVICES



## INTRODUCTION TO CULINARY ARTS

Students will study the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations from fast food to high-end restaurants. Topics studied will include food production skills, hospitality skills, quality-control practices, service techniques, and health & safety skills. They will gain the academic knowledge & skills required to pursue the full range of career and postsecondary education opportunities within the food service industry.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1254

**Credit:** 1

**Grade Placement:** 9-12

## CULINARY ARTS

*Certification opportunity: ServSafe Food Handler*

Students will study the fundamentals of safely cooking and baking items commonly prepared in food service operations such as breakfast cookery, salads and dressings, soups and sandwiches, stocks and sauces, appetizers, seafood, poultry, meat, fruits, vegetables, yeast and quick breads, and desserts. They will learn to use technology to develop purchasing specifications, convert standardized recipes, and calculate and manage food costs. Uniform purchase is required.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC4254

**Credit:** 2

**Grade Placement:** 11-12

## ADVANCED CULINARY ARTS

*#Certification opportunity: ServSafe Manager*

This course will give students the opportunity to extend the content and enhance the skills introduced in Culinary Arts. Students will evaluate global cuisines including the culture, history, and indigenous ingredients; develop a comprehensive protein product knowledge including fish and shellfish products; develop advanced pastry and baking skills; and evaluate nutrition concepts as they affect health and wellness. Uniform purchase is required.

**Prerequisites:** Culinary Arts

**Location:** CTC

**Course Number:** CC4255

**Credit:** 2

**Grade Placement:** 12

## PRACTICUM IN CULINARY ARTS

This course is designed to give students supervised practical application of previously studied knowledge and skills in an unpaid arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). Uniform purchase is required. *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4256

**Credit:** 2

**Grade Placement:** 12

## TRAVEL AND TOURISM MANAGEMENT

*Certification opportunity: Certification exams offered based on industry partners' needs.*

Students will study management principles and procedures of the travel and tourism industry. They will study geography, special considerations for international travel, and modes of travel such as airline, cruising, and rail. They will learn to guide others as they make informed travel decisions regarding budgets, safety, and types of accommodations.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1253

**Credit:** 1

**Grade Placement:** 10-12

## HOSPITALITY SERVICES

*Certification opportunity: ServSafe Food Handler*

Students will integrate hands-on experience and project-based instruction to prepare for a career and/or postsecondary training in hospitality and hotel services. They will become familiar with all aspects of hotel operations, including developing communication and marketing skills; analyzing safety and security issues and solutions for groups in multiple environments; understanding check-in and check-out procedures, housekeeping processes, food service systems, and engineering systems.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC4253

**Credit:** 2

**Grade Placement:** 11-12

## PRACTICUM IN HOSPITALITY SERVICES

*Certification opportunity: SW Airlines Professional Communication Certification*

This course is designed to give students supervised practical application of previously studied knowledge and skills in an unpaid arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4258

**Credit:** 2

**Grade Placement:** 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC4256 Practicum in Culinary Arts	CC4256 Practicum in Culinary Arts
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4254 Culinary Arts	CC4254 Culinary Arts	CC4255 Advanced Culinary Arts	CC4255 Advanced Culinary Arts
ELECTIVES (7+)	CC1250 Principles of Human Services*	CC1250 Principles of Human Services*	CC1254 Introduction to Culinary Arts	CC1254 Introduction to Culinary Arts	ServSafe Food Handler Certification !	ServSafe Food Handler Certification !	ServSafe Manager Certification !	ServSafe Manager Certification !
TCC CULINARY ARTS I OPTION					Purchasing for Hospitality Operation Sanitation & Safety	Basic Food Preparation Dining Room Service	Fundamentals of Baking Principles of Food & Beverage Operation	

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1250 Principles of Human Services



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	Elective	Elective	CC4258 Practicum in Hospitality Services  SW Airlines Professional Communication Certification	CC4258 Practicum in Hospitality Services  SW Airlines Professional Communication Certification
ELECTIVES (7+)	CC1250 Principles of Human Services*	CC1250 Principles of Human Services*	CC1253 Travel & Tourism Management  Industry Based Certification	CC1253 Travel & Tourism Management  Industry Based Certification	CC4253 Hospitality Services  Industry Based Certification	CC4253 Hospitality Services  Industry Based Certification		

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1250 Principles of Human Services



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1245 Entrepreneurship	CC1245 Entrepreneurship	CC4258 Practicum in Hospitality Services	CC4258 Practicum in Hospitality Services
ELECTIVES (7+)	CC1250 Principles of Human Services*	CC1250 Principles of Human Services*	CC1253 Travel & Tourism Management  Customer Service Certification  !	CC1253 Travel & Tourism Management  Customer Service Certification  !	CC1238 Global Business*	CC1246 Sports & Entertainment Marketing I	SW Airlines Professional Communication Certification  !	SW Airlines Professional Communication Certification  !

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1250 Principles of Human Services



## WEB DESIGN

*#Certification opportunity: WD Certified Web Design Certification*

Students will use digital media to communicate and work collaboratively; apply digital tools to gather, evaluate, and use information; use critical thinking skills to plan and conduct research, manage projects, solve problems, and make decisions; understand human, cultural, and societal issues related to technology; practice legal and ethical behavior; and demonstrate a sound understanding of technology concepts, systems, and operations.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** TA1265

**Credit:** 1

**Grade Placement:** 10-12

## COMPUTER MAINTENANCE (THEORY AND LAB)

*#Certification opportunity: CompTIA A+*

Students will acquire an understanding of hardware technologies, identify the purpose and function of computer components, explain how mobile devices connect and share data, and understand error messages and symptoms of hardware failures. They will have hands-on experience as they install and configure software programs, configure and verify network connections, and resolve hardware and software client problems.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC4274

**Credit:** 2

**Grade Placement:** 11-12

## COMPUTER TECHNICIAN PRACTICUM

In this unpaid lab and/or work based capstone course, students gain skill in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. They will demonstrate professional standards and employability skills required by business and industry. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details. **Location:** CTC

**Course Number:** CC4275

**Credit:** 2

**Grade Placement:** 12





FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4274 Computer Maintenance (Theory & Lab)	CC4274 Computer Maintenance (Theory & Lab)	CC4275 Computer Technician Practicum	CC4275 Computer Technician Practicum
ELECTIVES (7+)	Elective	Elective	Elective	Elective	CompTIA A+ Certification 	CompTIA A+ Certification 		
TCC INFORMATION TECHNOLOGY OPTION					Introduction to PC Operating System Personal Computer Hardware	Fundamentals of Information Security Introduction to Computing OR Business Computer Applications	Programming Fundamentals I CCNA 1: Introduction to Networks OR Fundamentals of Networking Technologies	
TCC CISCO OPTION							CCNA 1: Introduction to Networks CCNA 2: Routing/Switching Essentials	CCNA 3: Scaling Networks CCNA 4: Connecting Networks

**KEY**

- CAREER TECH CENTER ONLY**
- HOME CAMPUS OR AG SCIENCE CENTER**
- DUAL CREDIT**
- HOME CAMPUS**
- INDUSTRY CERTIFICATION OPPORTUNITY**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

TA1265 Web Design

# MANUFACTURING



## INTRODUCTON TO WELDING

This course is an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Topics include: industrial safety and health practices, hand- tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards.

**Prerequisites:** None

**Location:** Home Campus, Ag. Science Center

**Course Number:** CC1277

**Credit:** 1

**Grade Placement:** 10-12

## WELDING I

*Certification opportunity: OSHA (Occupational Safety and Health Administration) General Industry.*

Students will evaluate the function and application of the tools, equipment, technologies, and materials used in welding. Topics will include: joint design, symbols, welds, and the concepts and intricacies of inspections and related codes. Students will analyze and demonstrate proper procedures for plasma arc cutting on metals, shielded metal arc welding, gas metal arc welding, and flux cored arc welding.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC4277

**Credit:** 2

**Grade Placement:** 11-12

## WELDING II

*#Certification opportunity: AWS Certifications*

This course builds on knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as they relate to personal and career development. They will perform advanced cutting processes and welds using a variety of materials to produce intermediate and final manufactured products.

**Prerequisites:** Welding I

**Location:** CTC

**Course Number:** CC4278

**Credit:** 2

**Grade Placement:** 12

## PRECISION METAL MANUFACTURING I

*Certification opportunity: OSHA (Occupational Safety and Health Administration) General Industry.*

This course will provide necessary skills in machining as well as a real-world foundation for any engineering discipline. Students will learn the concepts and skills that form the technical knowledge required in precision machining and will evaluate the function and application of the tools, equipment, technologies, and materials used in precision machining. They will perform bench work and layout, precision measurements, manual lathe work, and manual milling work.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC4279

**Credit:** 2

**Grade Placement:** 11-12

## PRECISION METAL MANUFACTURING II

*#Certification opportunity: Certified SOLIDWORKS Associate (CSWA).*

Students will build on the manual machining skills gained in Precision Metal Manufacturing I as they move into the use of Computer Numerical Control (CNC) machining. They will study various CNC systems to differentiate the development and implementation of those systems, learn the process planning and tool selection within a CNC lab environment, learn to operate a CNC lathe and CNC mill, manually program a CNC lathe and a CNC mill, and understand and implement quality control procedures

**Prerequisites:** Precision Metal Manufacturing I

**Location:** CTC

**Course Number:** CC4280

**Credit:** 2

**Grade Placement:** 12

## PRACTICUM IN MANUFACTURING

*#Certification opportunity: AWS Certifications*

This course builds on knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as they relate to personal and career development. They will perform advanced cutting processes and welds using a variety of materials to produce intermediate and final manufactured products. *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4281

**Credit:** 2

**Grade Placement:** 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC4281 Practicum in Manufacturing	CC4281 Practicum in Manufacturing
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4279 Precision Metal Manufacturing I	CC4279 Precision Metal Manufacturing I	CC4280 Precision Metal Manufacturing II	CC4280 Precision Metal Manufacturing II
ELECTIVES (7+)	Elective	Elective	CC1277 Introduction to Welding*	CC1277 Introduction to Welding*	OSHA General Industry Certification 	OSHA General Industry Certification 	SOLIDWORKS Associate Certification 	SOLIDWORKS Associate Certification 
TCC MACHINIST TECHNOLOGY OPTION					Fundamentals of CNC Machine Controls Operation of Machining Centers	Operation of Turning Centers	CNC Programming (Capstone)	Computer Numeric Controls

**KEY**

CAREER TECH CENTER ONLY

HOME CAMPUS OR AG SCIENCE CENTER

DUAL CREDIT

HOME CAMPUS

INDUSTRY CERTIFICATION OPPORTUNITY

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1277 Introduction to Welding



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC4281 Practicum in Manufacturing	CC4281 Practicum in Manufacturing
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4277 Welding I  OSHA General Industry & AWS D1.1 Welding Certifications	CC4277 Welding I  OSHA General Industry & AWS D1.1 Welding Certifications	CC4278 Welding II  AWS D1.1 Welding Certification	CC4278 Welding II  AWS D1.1 Welding Certification
ELECTIVES (7+)	Elective	Elective	CC1277 Introduction to Welding*	CC1277 Introduction to Welding*	!	!	!	!
TCC MACHINIST TECHNOLOGY OPTION					Intro to Gas Shielded Metal Arc Welding  Intro to Gas Metal Arc Welding	Intro to Layout & Fabrication  Intro to Flux Cored Arc Welding	Intro to Gas Tungsten Metal Arc Welding	

**KEY**

CAREER TECH CENTER ONLY

HOME CAMPUS OR AG SCIENCE CENTER

DUAL CREDIT

HOME CAMPUS

INDUSTRY CERTIFICATION OPPORTUNITY !

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1277 Introduction to Welding

CC1219 Agriculture Mechanics and Metal Technologies

# TRANSPORTATION



## AUTOMOTIVE TECHNOLOGY I

*#Certification opportunity: S/P2 Safety Automotive; ASE Automotive Certifications*

Students will study the major automotive systems and the principles of diagnosing and servicing these systems as well as the applicable safety and environmental rules and regulations. They will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems; tool identification; and proper tool and equipment use.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC4285

**Credit:** 2

**Grade Placement:** 11-12

## AUTOMOTIVE TECHNOLOGY II

*#Certification opportunity: ASE Certifications*

Students will expand on the knowledge and skills developed in Automotive Technology I as they use critical-thinking skills and structured problem-solving skills to diagnose vehicle malfunctions, solve problems, make decisions, and perform more challenging service operations. Students will also become more skilled at reading and interpreting documents such as schematics, charts, diagrams, graphs, parts catalogs, and service-repair manuals. Career options and employability skills will be emphasized.

**Prerequisites:** Automotive Technology I

**Location:** CTC

**Course Number:** CC4286

**Credit:** 2

**Grade Placement:** 12

## PRACTICUM IN TRANSPORTATION

This course is designed to give students supervised practical application of previously studied knowledge and skills in an unpaid arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4287

**Credit:** 2

**Grade Placement:** 12





FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC4287 Practicum in Transportation	CC4287 Practicum in Transportation
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4285 Automotive Technology I  ASE Student Certifications	CC4285 Automotive Technology I  ASE Student Certifications	CC4286 Automotive Technology II  ASE Student Certifications	CC4286 Automotive Technology II  ASE Student Certifications
ELECTIVES (7+)	Elective	Elective	Elective	Elective	!	!	!	!
TCC AUTOMOTIVE ENGINE ANALYSIS OPTION					Intro to Automotive Technology  Automotive Electrical Systems	Automotive Engine Performance Analysis I  Automotive Engine Performance Analysis II	Automotive Electrical Diagnosis & Repair  Automotive Brake Systems	

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1219 Agriculture Mechanics & Technologies

# PUBLIC SERVICE ENDORSEMENT

## EDUCATION & TRAINING

- CC1249 Principles of Education & Training
- CC1258 Human Growth & Development
- CC4250 Instructional Practices - Ready, Set, Teach I
- CC4251 Practicum in Education & Training – Ready, Set, Teach II\*
- Education & Training Dual Credit

## HEALTH SCIENCE

- CC1260 Principles of Health Science
- CC4260 Health Science Theory & Lab
- CC1261 Medical Terminology
- CC1263 Pharmacology
- CC1264 Sports Medicine I
- CC1265 Sports Medicine II
- CC1266 Health Informatics
- CC1360 PLTW Principles of Biomedical Science
- CC1361 PLTW Human Body Systems
- CC1362 PLTW Medical Interventions
- CC1363 PLTW Biomedical Innovations
- SC1223 Anatomy & Physiology
- SC1224 Medical Microbiology
- SC1225 Pathophysiology
- CC4261 Practicum in Health Science\*
- CC4262 Practicum in Health Science – Biomedical Science\*

## LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

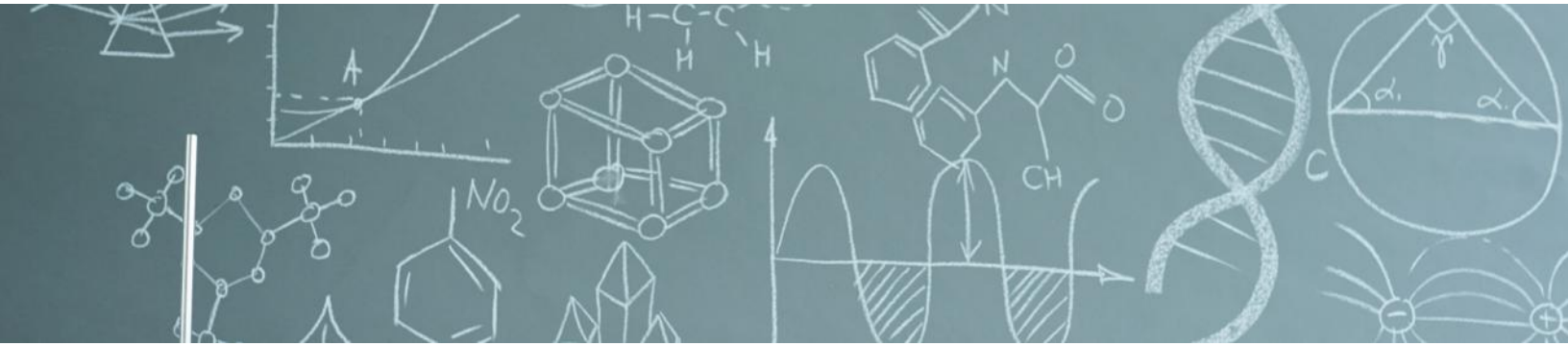
- CC1267 Principles of Law, Public Safety, Corrections & Security
- CC1268 Law Enforcement I
- CC1269 Law Enforcement II
- CC1270 Court Systems & Practices
- CC1271 Correctional Services
- SC1226 Forensic Science
- CC4868 Firefighter I\*
- CC6868 Firefighter II\*
- CC6869 Emergency Medical Technician – FirefighterII\*
- CC4267 AISD Police Academy\*
- Dual Credit Criminal Justice

## HUMAN SERVICES

- CC1250 Principles of Human Services
- CC1251 Child Development
- CC1255 Introduction to Cosmetology
- CC1252 Interpersonal Studies
- CC4291 Cosmetology I Plus
- CC4292 Cosmetology Practicum I\*
- CC4293 Cosmetology II Plus
- CC4294 Cosmetology II Practicum\*
- CC4252 Practicum in Human Services

\*Eligibility verification at district level is required. See counselor for more information. Refer to page 166 for additional details.

# EDUCATION & TRAINING



## PRINCIPLES OF EDUCATION AND TRAINING

Students will explore the various careers available within the education and training career cluster and the personal characteristics which are required to be successful in this field. They will develop knowledge and skills that are necessary to be successful in this field, investigate training options for different occupations in the field, and examine the trends or issues that have influenced the development of education across the United States.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1249

**Credit:** 1

**Grade Placement:** 9-10

## HUMAN GROWTH AND DEVELOPMENT

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1258

**Credit:** 1

**Grade Placement:** 10-12

## INSTRUCTIONAL PRACTICES

This course is for the student who wants to pursue a career in education. Students will study child and adolescent development as well as principles of effective teaching and training. They will serve an unpaid internship under the guidance of their classroom teacher and an AISD elementary teacher gaining hands-on experience in planning and directing individual and group activities, preparing materials, creating short- and long-term goals for students, and assisting with data and recordkeeping duties. Upon successful completion of specific criteria in this course, students will be given the opportunity to earn a "Letter of Intent" from the Arlington ISD which provides the opportunity for future employment with the district. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). Uniform purchase is required.

**Prerequisites** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** Home Campus

**Course Number:** CC4250

**Credit:** 2

**Grade Placement:** 11-12

## PRACTICUM IN EDUCATION AND TRAINING

In this second-year course, students will participate as unpaid interns at elementary, junior high, or high schools under the supervision of their high school teacher and mentor teacher at the field site. They will expand their knowledge of effective teaching practices and will take on more responsibility in the classroom as they learn to evaluate and analyze the effectiveness of lesson plans and instructional strategies. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). Uniform purchase is required. *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** Home Campus

**Course Number:** CC4251

**Credit:** 2

**Grade Placement:** 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	CC1251 Child Development*	CC1251 Child Development*	CC4250 Instructional Practices Ready, Set, Teach!	CC4250 Instructional Practices Ready, Set, Teach!	CC4251 Practicum in Education & Training Ready, Set, Teach III!	CC4251 Practicum in Education & Training Ready, Set, Teach III!
ELECTIVES (7+)	CC1249 Principles of Education & Training*	CC1249 Principles of Education & Training*	CC1258 Human Growth & Development*	CC1258 Human Growth & Development*	AISD Letter of Intent 	AISD Letter of Intent 		
UTA DUAL CREDIT OPTION - AISD TEACHER ACADEMY					The Professional Educator History of the United States to 1865	Teaching Diverse Learners History of the United States, 1865 to Present	Rhetoric & Composition I	Rhetoric & Composition II

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY**



*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

- CC1249 Principles of Education & Training
- CC1250 Principles of Human Services
- CC1251 Child Development



## PRINCIPLES OF HEALTH SCIENCE

This course is designed to provide an overview of the health care industry. Students will identify the employment opportunities, technology, and safety requirements needed in the industry. They will be introduced to medical ethics, teamwork, and disease treatment and prevention. They will employ verbal and nonverbal communication skills, develop leadership skills, identify career clusters related to health science, and identify academic requirements for advancement such as certification, licensure, registration, and advanced degrees.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1260

**Credit:** 1

**Grade Placement:** 9-10

## MEDICAL TERMINOLOGY

Students will be introduced to the structure of medical terms, including prefixes, suffixes, word roots, combining singular and plural forms, medical abbreviations and acronyms. Students will develop a comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1261

**Credit:** 1

**Grade Placement:** 9-12

## HEALTH SCIENCE THEORY AND LAB

*#Certification opportunity: Phlebotomy Technician (Parent consent required), EKG/ECG Technician (Parent consent required)*

Through classroom, laboratory, and simulation experiences, students will learn and apply skills of the health science professional, including vital signs, environmental protection, safety in the health care environment, and admission/transfer/discharge procedures. They will learn to perform skills specific to a health science professional such as medical assistant, phlebotomy technician, and EKG technician. **Students are required to participate and perform live venipunctures and live electrocardiograms.** Uniform purchase is required

**Prerequisites:** Biology

**Recommended** Principles of Health Science or 1 PLTW Biomedical Course; Medical

**Prerequisites:** Terminology and Anatomy & Physiology

**Location:** CTC

**Course Number:** CC4260

**Credit:** 2

**Grade Placement:** 11-12

## PHARMACOLOGY

*#Certification opportunity: Certified Pharmacy Technician*

Students will study the classification of prescription and nonprescription agents to understand the treatment, care, and restoration of the patient's health. Course content will include routes of drug medication; classes of drugs; terms associated with pharmacology; safety, legal, and ethical issues; medication calculations; and dispensing and administration practices. Uniform purchase is required.

**Prerequisites:** Biology; Chemistry; and successfully completed at least one course from Health Science cluster

**Recommended**

**Prerequisites:** Medical Terminology and Anatomy & Physiology

**Location:** CTC

**Course Number:** CC1263

**Credit:** 1

**Grade Placement:** 12

## PRACTICUM IN HEALTH SCIENCE

*#Certification opportunity: Certified Medical Assistant; OSHA General Industry (Healthcare), American Heart Basic Life Support CPR.*

Through classroom instruction and first-hand observation, students will have the opportunity to observe and to perform practical application of previously studied patient care skills related to the health science field. The unpaid practical application experiences may occur in a school lab and/or community health facility appropriate to the nature and level of experience of each student and under the supervision of the teacher and/or facility mentor. Students who wish to take this course must have their own transportation to travel to their practicum site(s). Uniform purchase is required. *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4261

**Credit:** 2

**Grade Placement:** 12

## SPORTS MEDICINE I

*Certification Opportunity: American Heart Basic Life Support CPR*

Students will be provided an opportunity for the study and application of the components of sports medicine as it applies to athletes and the athletic teams. Skills will include emergency injury assessment and treatment, application of splints and braces, and preventive measures that can be taken to prevent injuries. They will learn about the career options available in the field of sports medicine and physical therapy. Uniform purchase is required.

**Prerequisites:** Principles of Health Science or 1 PLTW Biomedical Course

**Course Number:** CC1264

**Credit:** 1

**Grade Placement:** 11-12

## SPORTS MEDICINE II

*#Certification opportunity: Personal Trainer*

Students will advance their knowledge and application of the components of sports medicine. This class requires time outside of the classroom to work with the athletes and athletic teams. Uniform purchase is required.

**Prerequisites:** Sports Medicine I and Anatomy & Physiology

**Location:** CTC

**Course Number:** CC1265

**Credit:** 1

**Grade Placement:** 12



## HEALTH INFORMATICS

*#Certification opportunity: Certified Billing and Coding Specialist*

Students will develop a fundamental knowledge of the concepts of health information systems technology and the tools for collecting, storing, and retrieving health care data. They will design, develop and use technologies such as electronic medical records, patient monitoring systems, and digital libraries while managing the vast amount of data generated by these systems.

**Prerequisites:** Business Information Management I; Medical Terminology **Location:** CTC  
**Course Number:** CC1266 **Credit:** 1 **Grade Placement:** 11-12

## PLTW PRINCIPLES OF BIOMEDICAL SCIENCE

**This course receives weighted GPA.** In this first of a series of four courses, students will investigate the body systems and health conditions, including heart disease, diabetes, sickle-cell disease, and infectious diseases. They determine the factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged the person's life. Activities and projects introduce students to human physiology, medicine, and research processes. Key biological concepts are embedded in the curriculum.

**Prerequisites:** Biology and/or on-level science. **Location:** Home Campus  
**Course Number:** CC1360 **Credit:** 1 **Grade Placement:** 9-12

## PLTW HUMAN BODY SYSTEMS

**This course receives weighted GPA.** Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeleton; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

**Prerequisites:** Principles of Biomedical Science **Location:** Home Campus  
**Course Number:** CC1361 **Credit:** 1 **Grade Placement:** 10-12

## PLTW MEDICAL INTERVENTIONS

**This course receives weighted GPA.** In this third course, students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. They explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

**Prerequisites:** Human Body Systems **Location:** CTC  
**Course Number:** CC1362 **Credit:** 1 **Grade Placement:** 11-12

## PLTW BIOMEDICAL INNOVATION

**This course receives weighted GPA.** In this capstone course, students design innovative solutions for the health challenges of the 21st century. They work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project with a mentor or advisor from a university, hospital, research institution, or the biomedical industry. Students are expected to present their work to an audience of STEM professionals.

**Prerequisites:** Medical Interventions **Location:** CTC  
**Course Number:** CC1363 **Credit:** 1 **Grade Placement:** 12

## PRACTICUM IN HEALTH SCIENCE-BIOMEDICAL SCIENCE

*Certification opportunity: OSHA General Industry Healthcare*

Through classroom instruction and first-hand observation, students will have the opportunity to observe and to perform practical application of previously studied laboratory skills related to the health science field. The unpaid practical application experiences may occur in a school lab and/or community health facility location appropriate to the nature and level of experience of each student and under the supervision of the teacher and/or facility mentor. Students who wish to take this course must have their own transportation to travel to their practicum site(s). Uniform purchase is required. *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details. **Location:** CTC

**Course Number:** CC4262 **Credit:** 2 **Grade Placement:** 12

## ANATOMY AND PHYSIOLOGY

This course focuses on the study of the structure and function of the human body, its individual systems, processes, and the interaction of the body systems for maintaining homeostasis. Dissection is a component of this course, as well as independent lab skills and techniques. *This course satisfies a high school science graduation requirement.*

**Prerequisites:** Biology and a second science credit **Location:** Home Campus

**Course Number:** SC1223 **Credit:** 1 **Grade Placement:** 10-12

## MEDICAL MICROBIOLOGY

This course is designed to explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms and emerging diseases. *This course satisfies a high school science graduation requirement.*

**Prerequisites:** Biology and Chemistry **Location:** CTC

**Course Number:** SC1224 **Credit:** 1 **Grade Placement:** 10-12

## PATHOPHYSIOLOGY

This advanced science course is designed to allow students an opportunity to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. *This course satisfies a high school science graduation requirement.*

**Prerequisites:** Biology and Chemistry **Location:** CTC

**Course Number:** SC1225 **Credit:** 1 **Grade Placement:** 11-12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	CC1263 Pharmacology* Pharmacy Technician Certification 	CC1263 Pharmacology* Pharmacy Technician Certification 
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	CC4262 Practicum in Health Science Biomedical Science* OSHA Certification 	CC4262 Practicum in Health Science Biomedical Science* OSHA Certification 
FINE ARTS (1)	Fine Art	Fine Art	CC1261 Medical Terminology*	CC1261 Medical Terminology*	Elective	Elective		
ELECTIVES (7+)	CC1360 PLTW Principles of Biomedical Science	CC1360 PLTW Principles of Biomedical Science	CC1361 PLTW Human Body Systems	CC1361 PLTW Human Body Systems	CC1362 PLTW Medical Interventions	CC1362 PLTW Medical Interventions	CC1363 PLTW Biomedical Innovation	CC1363 PLTW Biomedical Innovation

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.






CC1261 Medical Terminology

SC1224 Medical Microbiology

SC1225 Pathophysiology

CC4262 Practicum in Health Science - Biomedical Science



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	SC1225 Pathophysiology*	SC1225 Pathophysiology*
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	CC4260 Health Science Theory & Lab*  BLS, Phlebotomy & EKG Technician Certifications	CC4260 Health Science Theory & Lab*  BLS, Phlebotomy & EKG Technician Certifications	CC1263 Pharmacology*  Pharmacy Technician Certification 	CC1263 Pharmacology*  Pharmacy Technician Certification 
							Elective	CC6869 Emergency Medical Technician  National Registry Emergency Medical Technician Certification 
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective			Elective	
ELECTIVES (7+)	Elective	Elective	CC1261 Medical Terminology	CC1261 Medical Terminology	SC1223 Anatomy & Physiology OR CC1361 PLTW Human Body Systems	SC1223 Anatomy & Physiology OR CC1361 PLTW Human Body Systems	Elective	

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY**



*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

- CC1263 Pharmacology
- CC4260 Health Science Theory & Lab
- SC1225 Pathophysiology



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	SC1225 Pathophysiology*	SC1225 Pathophysiology*
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	CC4260 Health Science Theory & Lab*	CC4260 Health Science Theory & Lab*	Elective	Elective
					BLS, Phlebotomy & EKG Technician Certifications	BLS, Phlebotomy & EKG Technician Certifications		
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	!	!	SC1223 Anatomy & Physiology*	SC1223 Anatomy & Physiology*
ELECTIVES (7+)	CC1260 Principles of Health Science*	CC1260 Principles of Health Science*	CC1261 Medical Terminology	CC1261 Medical Terminology	CC1234 Business Information Management I	CC1234 Business Information Management I	CC1266 Health Informatics	CC1266 Health Informatics
							Billing & Coding Specialist Certification	Billing & Coding Specialist Certification

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

- CC1260 Principles of Health Science
- CC4260 Health Science Theory & Lab
- SC1223 Anatomy & Physiology
- SC1225 Pathophysiology



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	SC1224 Medical Microbiology*	SC1224 Medical Microbiology*	SC1225 Pathophysiology*	SC1225 Pathophysiology*
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective		
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	SC1223 Anatomy & Physiology*	SC1223 Anatomy & Physiology*	CC1263 Pharmacology* Pharmacy Technician Certification !	CC1263 Pharmacology* Pharmacy Technician Certification !
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC4260 Health Science Theory & Lab*	CC4260 Health Science Theory & Lab*	CC4261 Practicum in Health Science Patient Care Technician & OSHA Certifications !	CC4261 Practicum in Health Science Patient Care Technician & OSHA Certifications !
ELECTIVES (7+)	CC1260 Principles of Health Science OR CC1360 PLTW Principles of Biomedical Science	CC1260 Principles of Health Science OR CC1360 PLTW Principles of Biomedical Science	CC1261 Medical Terminology*	CC1261 Medical Terminology*	BLS, Phlebotomy & EKG Technician Certifications !	BLS, Phlebotomy & EKG Technician Certifications !	Patient Care Technician & OSHA Certifications !	Patient Care Technician & OSHA Certifications !

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

- CC1261 Medical Terminology
- SC1223 Anatomy & Physiology
- SC1224 Medical Microbiology
- SC1225 Pathophysiology
- CC1263 Pharmacology





FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	SC1225 Pathophysiology*	SC1225 Pathophysiology*
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	CC4260 Health Science Theory & Lab*  BLS, Phlebotomy & EKG Technician Certifications	CC4260 Health Science Theory & Lab*  BLS, Phlebotomy & EKG Technician Certifications
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	SC1223 Anatomy & Physiology*	SC1223 Anatomy & Physiology*	!	!
ELECTIVES (7+)	Elective	Elective	CC1260 Principles of Health Science* OR CC1360 PLTW Principles of Biomedical Science*	CC1260 Principles of Health Science* OR CC1360 PLTW Principles of Biomedical Science*	CC1261 Medical Terminology	CC1261 Medical Terminology	CC1263 Pharmacology  Pharmacy Technician Certification  !	CC1263 Pharmacology  Pharmacy Technician Certification  !

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1260 Principles of Health Science

CC1360 PLTW Principles of Biomedical Science

SC1223 Anatomy & Physiology

CC1225 Pathophysiology

CC4260 Health Science Theory & Lab



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	CC4260 Health Science Theory & Lab*  BLS, Phlebotomy & EKG Technician Certifications	CC4260 Health Science Theory & Lab*  BLS, Phlebotomy & EKG Technician Certifications	CC4261 Practicum in Health Science*  Patient Care Technician & OSHA Certifications	CC4261 Practicum in Health Science*  Patient Care Technician & OSHA Certifications
FINE ARTS (1)	Fine Art	Fine Art	CC1261 Medical Terminology	CC1261 Medical Terminology	!	!	!	!
ELECTIVES (7+)	CC1260 Principles of Health Science* OR CC1360 PLTW Principles of Biomedical Science*	CC1260 Principles of Health Science* OR CC1360 PLTW Principles of Biomedical Science*	SC1223 Anatomy & Physiology*	SC1223 Anatomy & Physiology*	CC1264 Sports Medicine I  American Heart Association BLS Provider Certification	CC1264 Sports Medicine I  American Heart Association BLS Provider Certification	CC1265 Sports Medicine II  American College of Sports Medicine Personal Trainer Certification	CC1265 Sports Medicine II  American College of Sports Medicine Personal Trainer Certification

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1260 Principles of Health Science

CC1360 PLTW Principles of Biomedical Science

CC1261 Medical Terminology

CC4260 Health Science Theory & Lab

CC4261 Practicum in Health Science

# LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY



## PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

Students will be introduced to professions in law enforcement, protective services, correctional services, firefighting, and emergency management services. They will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services and will be provided with an overview of the skills necessary for careers in these areas.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1267

**Credit:** 1

**Grade Placement:** 9-12

## LAW ENFORCEMENT I

This course is an overview of the history, organization, and functions of local, state, and federal law enforcement. It will focus on planning, managing, and providing legal services, public safety, protective services and homeland security, including professional and technical support services. Students will become familiar with law enforcement terminology, the classification and elements of crime, and the ethical behavior standards required for people who choose a career in law enforcement.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1268

**Credit:** 1

**Grade Placement:** 10-12

## LAW ENFORCEMENT II

*Certification opportunity: International Academy of Emergency Dispatch Emergency Telecommunicator.*

This course further explores the knowledge and skills necessary to prepare for a career in law enforcement, including the role of first responders, telecommunications personnel, emergency equipment operators, and courtroom personnel. Topics will include techniques used to manage crisis situations and maintain public safety, protocols for domestic violence situations, procedures for serving warrants and summons, crowd control methods, disaster response roles, and crime scene investigation.

**Prerequisites:** Law Enforcement I

**Location:** CTC

**Course Number:** CC1269

**Credit:** 1

**Grade Placement:** 11-12

## CORRECTIONAL SERVICES

This course is designed to prepare students for the certification required for employment as a correctional officer. The student will analyze rehabilitation and alternatives to institutionalization. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the correctional setting. Uniform purchase is required.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1271

**Credit:** 1

**Grade Placement:** 12

## COURT SYSTEMS AND PRACTICES

This course provides an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1270

**Credit:** 1 credit

**Grade Placement:** 11-12

## AISD POLICE ACADEMY - PRACTICUM IN LAW ENFORCEMENT

The Arlington Police Department and the Arlington Independent School District have joined together in a cooperative effort to design and implement a high school police academy within the Arlington ISD. The result of this collaboration is a year-long program that will enable participants to earn a total of two elective high school credits and be provided a hands-on learning experience for those wanting to pursue a career as a police officer. Student activities include but are not limited to daily physical training, team and leadership building, policing instruction from APD personnel, obstacle course activities, defensive tactics instruction, SWAT training, report writing, crime scene investigations and handcuffing techniques. Uniform purchase is required.

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details. **Location:** CTC

**Course Number:** CC4267

**Credit:** 2

**Grade Placement:** 12

## FIREFIGHTER I - AISD FIRE ACADEMY, YEAR 1

This course is the first year of a two-year commitment to the Arlington Independent School District Fire Academy. This course is conducted in cooperation with Tarrant County College and the Arlington Fire Department. During the two years, students will receive the training and skills necessary to sit for the exams to become Texas Certified Firefighters and National Registry Emergency Medical Technicians at the end of the second year. Instruction will consist of classroom and field experiences. Enrollment is limited but is open to students from all Arlington high schools. Uniform purchase is required. This course is GPA exempt.

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details. **Location:** CTC

**Course Number:** CC4868

**Credit:** 2

**Grade Placement:** 11

## FIREFIGHTER II - AISD ACADEMY, YEAR 2

*#Certification opportunity: Basic Structure Fire Protection (Texas Commission of Fire Protection - TCFP)*

Emergency Medical Technician Basic. This course is the second year of a two-year commitment to the Arlington Independent School District Fire Academy. It is a continuation of Firefighter I. Uniform purchase is required. This course is GPA exempt.

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC6868

**Credit:** 3

**Grade Placement:** 12

## FORENSIC SCIENCE

Forensic Science is a year-long course that uses a structured and scientific approach to the investigation of various types of crimes and the psychology of criminal behavior. This course provides opportunities for students to learn terminology and investigative procedures related to crime scene investigation. Students will learn the history, legal aspects, and career options for forensic science. *This course satisfies a high school science graduation requirement.*

**Prerequisites:** Biology and Chemistry

**Location:** Home Campus

**Course Number:** SC1226

**Credit:** 1

**Grade Placement:** 11-12

## EMERGENCY MEDICAL TECHNICIAN

*#Certification opportunity: National Registry Emergency Medical Technician Certification*

This course will prepare students to sit for the National Registry Emergency Medical Technicians exam for certification as Emergency Medical Technician (EMT)-Basic, the entry-level certification for Emergency Medical Services. This course includes the skills necessary to provide emergency medical care at a basic life support level with an emergency service or other specialized services. EMTs work beside paramedics in the delivery of pre-hospital care. Enrollment is limited but is open to students from all Arlington high schools. Uniform purchase is required.

**Prerequisites:** Eligible for Early Enrollment at TCC, \* Eligibility verification at district level is required. Refer to page 166 for additional details. Medical Terminology and Anatomy & Physiology or PLTW Human Body Systems **Location:** CTC

**Course Number:** CC6869

**Credit:** 1.5

**Grade Placement:** 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)								
26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	SC1223 Anatomy & Physiology OR CC1361 PLTW Human Body Systems	SC1223 Anatomy & Physiology OR CC1361 PLTW Human Body Systems	CC6868 Firefighter II	CC6868 Firefighter II
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective			Texas Commission of Fire Protection & National Registry Emergency Medical Technician Certifications	Texas Commission of Fire Protection & National Registry Emergency Medical Technician Certifications
ELECTIVES (7+)	CC1267 Principles of Law, Public Safety, Corrections & Security*	CC1267 Principles of Law, Public Safety, Corrections & Security*	CC1360 Principles of Biomedical Science*	CC1360 Principles of Biomedical Science*	CC4868 Firefighter I	CC4868 Firefighter I		

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1267 Principles of Law, Public Safety, Corrections & Security

CC1360 Principles of Biomedical Science (Prerequisite course for CC1361.)





**FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)**

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	SC1226 Forensic Science*	SC1226 Forensic Science*
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	CC1270 Court Systems & Practices*	CC1270 Court Systems & Practices*
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	Elective	Elective	CC4267 AISD Police Academy	CC4267 AISD Police Academy
ELECTIVES (7+)	CC1267 Principles of Law, Public Safety, Corrections & Security*	CC1267 Principles of Law, Public Safety, Corrections & Security*	CC1268 Law Enforcement I	CC1268 Law Enforcement I	CC1269 Law Enforcement II* Emergency Dispatch Certification !	CC1269 Law Enforcement II* Emergency Dispatch Certification !		
UTA DUAL CREDIT OPTION					Introduction to Criminal Justice	Ethics & Criminal Justice System	Introduction to Law Enforcement	Criminal Investigations

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1270 Court Systems & Practices  
SC1226 Forensic Science



**FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)**

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	SC1226 Forensic Science*	SC1226 Forensic Science*
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1270 Court Systems & Practices*	CC1270 Court Systems & Practices*	Elective	Elective
ELECTIVES (7+)	CC1267 Principles of Law, Public Safety, Corrections & Security*	CC1267 Principles of Law, Public Safety, Corrections & Security*	CC1268 Law Enforcement I	CC1268 Law Enforcement I	CC1269 Law Enforcement II*  Emergency Dispatch Certification	CC1269 Law Enforcement II*  Emergency Dispatch Certification	CC1271 Correctional Services	CC1271 Correctional Services

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1269 Law Enforcement II

CC1270 Court Systems & Practices

# HUMAN SERVICES



## PRINCIPLES OF HUMAN SERVICES

Students will investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. A variety of activities will include explaining the impact of nutrition and preparing nutritious snacks or meals, investigating causes and prevention of child abuse, demonstrating simple clothing repair and alteration techniques, and investigating specific state requirements for licensure in personal care services such as cosmetology or child care.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1250

**Credit:** 1

**Grade Placement:** 9-12

## CHILD DEVELOPMENT

This course will focus on knowledge and skills related to child growth and development from prenatal through school-age children. Students will investigate the role that prenatal care plays in the health of children; the physical, emotional, social, and intellectual needs of the child at each stage of development; the protection and safety of children; the roles and responsibilities of parenting; proper nutrition at each stage of development; and the role of schools in child development.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1251

**Credit:** 1

**Grade Placement:** 10-12

## INTERPERSONAL STUDIES

This course examines how the relationships between individuals and among family members affect the quality of life. Students will acquire knowledge and skills to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CC1252

**Credit:** 1/2

**Grade Placement:** 9-12

## PRACTICUM IN HUMAN SERVICES

This capstone course is designed to give students supervised practical application of previously studied knowledge and skills in an unpaid arrangement appropriate to the nature and level of experience. Students will demonstrate proper job search procedures, interview techniques, professional dress and appearance, interpersonal skills, and technical skills in their practicum placement locations. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.

**Location:** CTC

**Course Number:** CC4252

**Credit:** 2

**Grade Placement:** 12

## INTRODUCTION TO COSMETOLOGY

Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.

**Prerequisites:** None

**Location:** CTC

**Course Number:** CC1255

**Credit:** 1

**Grade Placement:** 10

## COSMETOLOGY I, II PLUS COSMETOLOGY PRACTICUM I & II

*#Certification opportunity: Cosmetology Operators License*

**Cosmetology is a two-year program intended for students who have a passion for the beauty industry and who strive to obtain their Texas Cosmetology Commission State Operator License. The student is expected to pass both the state written and practical exams before graduation. Both parts of the written exam and the practical application exam must be passed in order to obtain licensure.** Classroom instruction includes sterilization and sanitation processes, chemical principles involving the use of hair and beauty products, shampooing, hair cutting and styling, coloring, permanent waving, manicuring and pedicuring. Students must complete 24 course credits in the Cosmetology program before being eligible to take the written exam. Students must first pass the written exam and then must obtain an additional 3 course credits for a total of 27 credits in order to take the practical exam. Regular attendance in class is a priority and all passing assignments, quizzes and tests are mandatory per TDLR. Students will attend 4 class periods on their designated scheduled day.

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details. **Location:** CTC

**Course Number:** CC4291, CC4293  
Practicum: CC4292, CC4294

**Credit:** 2 credits

**Grade Placement:**  
Cosmetology I - 11  
Cosmetology II - 12



FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language				
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	CC4291 Cosmetology I & CC4292 Cosmetology Practicum I	CC4291 Cosmetology I & CC4292 Cosmetology Practicum I	CC4293 Cosmetology II & CC4294 Cosmetology Practicum II  Texas Cosmetology Operators License	CC4293 Cosmetology II & CC4294 Cosmetology Practicum II  Texas Cosmetology Operators License
FINE ARTS (1)	Fine Art	Fine Art	Elective	CC1252 Interpersonal Studies*				
ELECTIVES (7+)	CC1250 Principles of Human Services*	CC1250 Principles of Human Services*	CC1255 Introduction to Cosmetology	CC1255 Introduction to Cosmetology				

**KEY**

CAREER TECH CENTER ONLY

HOME CAMPUS OR AG SCIENCE CENTER

DUAL CREDIT

HOME CAMPUS

INDUSTRY CERTIFICATION OPPORTUNITY !

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1250 Principles of Human Services

CC1252 Interpersonal Studies

CC1234 Business Information Management I

# STEM ENDORSEMENT

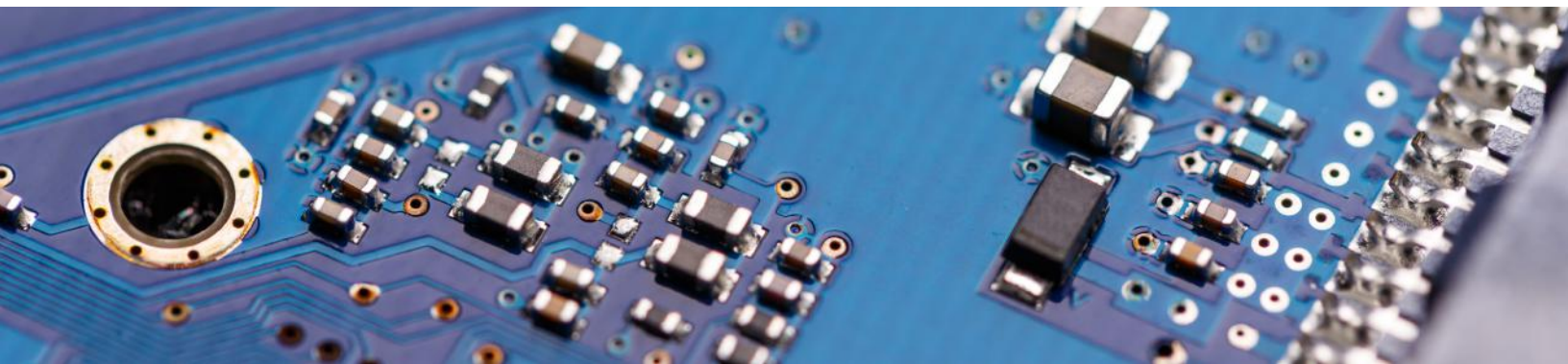
## SCIENCE, TECHNOLOGY ENGINEERING & MATH (STEM)

- CC1380 PLTW Introduction to Engineering Design
- CC1381 PLTW Principles of Engineering
- CC1382 PLTW Digital Electronics
- CC1383 PLTW Aerospace Engineering
- CC1284 Engineering Design & Development
- CC1285 Robotics I
- CC1286 Robotics II
- CC4283 Practicum in STEM – Engineering\*
- CC4284 Practicum – Class D Water Operator\*
- CS1250 Digital Forensics
- CS1350 AP Computer Science Principals
- CS1360 Advanced Computer Science I
- CS1370 AP Computer Science A
- CS1380 Advanced Computer Science III
- TA1240 Mobile App Development

**To earn a STEM endorsement, a student must successfully complete Algebra II, Physics and Chemistry**

*\*Eligibility verification at district level is required. See counselor for more information. Refer to page 166 for additional details.*





## PLTW - INTRODUCTION TO ENGINEERING DESIGN

**This course receives weighted GPA.** This foundation course, in a series of Project Lead the Way ([www.pltw.org](http://www.pltw.org)) pre-engineering courses, introduces students to the field of engineering. Students will develop problem solving skills, with an emphasis on developing a 3- D model of an object, beginning with hand sketching and advancing to 3-D modeling software. The course emphasizes the design process of a product, how it is produced, analyzed and evaluated using a computer aided design system. This science, technology, and math integrated program focuses on the engineering design processes while helping students develop skills that will better prepare them for a rigorous academic college curriculum. **Students who score high enough on the PLTW end-of-course exam can apply for college credit at PLTW-affiliated universities. The time limit for application for credit varies by university so students should apply immediately after passing the exam.**

**Prerequisites:** Alg. I

**Location:** Home Campus

**Course Number:** CC1380

**Credit:** 1

**Grade Placement:** 9-12

## PLTW - PRINCIPLES OF ENGINEERING

**This course receives weighted GPA.** This Project Lead the Way ([www.pltw.org](http://www.pltw.org)) pre-engineering course will guide students toward an understanding of the field of engineering and engineering technology. Students apply the principles of physics to various technology systems and manufacturing processes helping them learn how engineers and technicians use science, technology, and math in an engineering problem-solving process to benefit people. The course addresses concerns about social and political consequences of technological change. This science, technology, and math integrated program focuses on the engineering design processes while helping students develop skills that will better prepare them for a rigorous academic college curriculum. **Students who score high enough on the PLTW end-of-course exam can apply for college credit at PLTW-affiliated universities. The time limit for application for credit varies by university so students should apply immediately after passing the exam.**

**Prerequisites:** PLTW Introduction to Engineering Design (IED)

**Location:** Home Campus

**Course Number:** CC1381

**Credit:** 1

**Grade Placement:** 9-12

## PLTW - DIGITAL ELECTRONICS

**This course received weighted GPA.** . This Project Lead the Way ([www.pltw.org](http://www.pltw.org)) pre- engineering course is a course that provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. This science, technology, and math integrated program helps students develop skills that better prepare them for a rigorous academic college curriculum. **Students who score high enough on the PLTW end-of-course exam can receive college credit at PLTW-affiliated universities. The time limit for application for credit varies by university so students should apply immediately after passing the exam.** *This course satisfies a high school mathematics graduation requirement.*

**Prerequisites:** Successful completion of PLTW Introduction to Engineering Design (IED), Algebra I, Geometry and Algebra II (may be concurrent) **Location:** Home Campus

**Course Number:** CC1382 **Credit:** 1 credit **Grade Placement:** 10-12

## PLTW - AEROSPACE ENGINEERING

**This course receives weighted GPA.** This Project Lead the Way ([www.pltw.org](http://www.pltw.org)) course applies principles of aeronautics, atmospheric and space flight. As students explore the physics of flight, they will design an airfoil, propulsion system, and rockets. Students also learn basic orbital mechanics using industry-standard software. They will explore robot systems as well through projects such as remotely operated vehicles. **Students who score high enough on the PLTW end-of-course exam can receive college credit at PLTW-affiliated universities. The time limit for application for credit varies by university so students should apply immediately after passing the exam.**

**Prerequisites:** Introduction to Engineering Design (IED), Algebra I, Geometry and Algebra II or concurrent **Location:** CTC

**Course Number:** CC1383 **Credit:** 1 **Grade Placement:** 11-12

## PLTW - ENGINEERING DESIGN AND DEVELOPMENT

This course is the senior capstone course of the Project Lead the Way ([www.pltw.org](http://www.pltw.org)) pre-engineering sequence. Students will work in teams to research, design, and construct a solution to an open-ended engineering problem. Students apply principles developed in the preceding courses and are guided by an engineering mentor. Students will present progress reports, submit a final written report, and present their solutions to a panel of outside reviewers at the end of the course.

**Prerequisites:** Introduction to Engineering Design Or Principles of Engineering; Alg II or concurrent **Location:** CTC

**Course Number:** CC1284 **Credit:** 1 **Grade Placement:** 12

## ROBOTICS I

Through the implementation of the engineering design process, students will transfer academic skills to component designs in a project-based environment. They will learn the function and application of the technology, tools, equipment, and materials used in robotic and automated systems as they produce and test their prototypes. They will also explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

**Prerequisites:** None **Location:** CTC

**Course Number:** CC1285 **Credit:** 1 **Grade Placement:** 11-12

## ROBOTICS II

*#Certification opportunity: FANUC Certified Robot Operator.*

Students will expand on the skills developed in Robotics I as they explore artificial intelligence and programming in the robotic and automation industry. They will apply mathematics and physics to problems and will use an engineering design problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the process. *This course satisfies a high school mathematics graduation requirement.*

**Prerequisites:** Robotics I

**Location:** CTC

**Course Number:** CC1286

**Credit:** 1

**Grade Placement:** 12

## DIGITAL FORENSICS

This Course will foster student's creativity and innovation by presenting opportunities to investigate simulations and case studies of crimes, reconstructing computer security incidents, and recovering from accidental system damage.

**Prerequisites:** Proficiency in Technology Applications 6-8 grade.

**Location:** Home Campus

**Course Number:** CS1250

**Credit:** 1

**Grade Placement:** 10-12

## AP COMPUTER SCIENCE PRINCIPLES

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. After completing this course, students are encouraged to take the Advanced Placement Computer Science Principles exam given by the College Board.

**Prerequisites:** None

**Location:** Home Campus

**Course Number:** CS1350

**Credit:** 1

**Grade Placement:** 9-12

## ADVANCED COMPUTER SCIENCE I

During the first year of computer science, students identify task requirements, plan search strategies, and use computer science concepts to access and evaluate information. Students learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. No prior knowledge of computer science is assumed or required.

**Prerequisites:** Algebra I or approval of computer science teacher

**Location:** Home Campus

**Course Number:** CS1360

**Credit:** 1

**Grade Placement:** 9-12

## AP COMPUTER SCIENCE A

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities. After completing this course, students are encouraged to take the Advanced Placement Computer Science A exam given by College Board. The student will receive **two** credits for this course, one for math and one for language other than English.

**Prerequisites:** Prior completion of Algebra I or approval of computer science teacher.

**Location:** Home Campus

**Course Number:** CS1370

**Credit:** 2

**Grade Placement:** 10-12

### ADVANCED COMPUTER SCIENCE III

This course is designed for the student who has been successful in AP Computer Science A and anticipates a career in a technological field that requires computer science knowledge. Students design solutions using appropriate data structures including stacks, queues, priority queues, linked lists, binary trees, sets and maps. Individual projects may include participating on a programming team, robotics, or survey of other programming or scripting languages.

**Prerequisites:** AP Computer Science A or approval of computer science teacher      **Location:** Home Campus  
**Course Number:** CS1380      **Credit:** 1      **Grade Placement:** 10-12

### MOBILE APP DEVELOPMENT

In this one semester computer science course, students will design and implement applications designed for mobile devices. Students will identify task requirements, plan strategies, and use programming concepts to develop and test applications for a variety of purposes and platforms.

**Prerequisites:** None      **Location:** Home Campus  
**Course Number:** TA1240      **Credit:** 1/2      **Grade Placement:** 9-12

### PRACTICUM IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH

This course is designed to provide an opportunity for senior students who have taken the Project Lead the Way pre-engineering courses to obtain unpaid hands-on work experience with an area engineering firm. Students will apply technical skills to address business applications of engineering and business concepts and will develop their insight into the economic, financial, technological, international, social, and ethical aspects of engineering. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s). *This is a capstone course for students that are completing a coherent sequence of courses within their specific career pathway.*

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.      **Location:** CTC  
**Course Number:** CC4283      **Credit:** 2      **Grade Placement:** 12

### PRACTICUM - CLASS D WATER OPERATOR

*#Certification Opportunity: Occupational Safety and Health Administration (OSHA) certification; Texas Department of Environmental Quality Class D Water Operators License*

Students combine classroom instruction with observation and unpaid hands-on experiences at area water industries. The practicum experiences combined with the classroom instruction is intended to help students acquire the knowledge and skills needed to obtain the entry level TCEQ Class D Water Operator license and the Occupational Safety and Health Administration (OSHA) Certification. Students who wish to take this course must have their own transportation in order to be able to travel to their practicum site(s).

**Prerequisites:** Eligibility verification at district level is required. Refer to page 166 for additional details.      **Location:** CTC  
**Course Number:** CC4284      **Credit:** 1      **Grade Placement:** 12

### SCIENTIFIC RESEARCH AND DESIGN

The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education. This course satisfies a high school science graduation requirement. Students shall be awarded one credit for successful completion of this course.

**Prerequisites:** One unit of Biology, IPC, Chemistry, or Physics  
**Course Number:** SC1295      **Credit:** 1      **Grade Placement:** 11-12



**FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)**

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	CC4283 Practicum in STEM*	CC4283 Practicum in STEM*
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1383 PLTW Aerospace Engineering*	CC1383 PLTW Aerospace Engineering*		
ELECTIVES (7+)	CC1380 PLTW Introduction to Engineering Design*	CC1380 PLTW Introduction to Engineering Design*	CC1381 PLTW Principles of Engineering*	CC1381 PLTW Principles of Engineering*	CC1382 PLTW Digital Electronics	CC1382 PLTW Digital Electronics	CC1284 PLTW Engineering Design & Development 	CC1284 PLTW Engineering Design & Development 

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY**

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1383 PLTW Aerospace Engineering  
CC4283 Practicum in STEM



**FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)**

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	Elective	Elective
FINE ARTS (1)	Fine Art	Fine Art	CS1360 Computer Science I*	CS1360 Computer Science I*	TA1240 Mobile App Development*	TA1240 Mobile App Development*	Elective	Elective
ELECTIVES (7+)	CS1350 AP Computer Science Principles	CS1350 AP Computer Science Principles	CS1370 AP Computer Science A	CS1370 AP Computer Science A	CS1380 Advanced Computer Science III	CS1380 Advanced Computer Science III	CC4283 Practicum in STEM*	CC4283 Practicum in STEM*

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY !**

*\*Additional Electives*



Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

- TA1240 Mobile App Development
- CS1360 Advanced Computer Science I
- CC4283 Practicum in STEM





FOUNDATION HS PROGRAM GRADUATION REQUIREMENTS WITH ENDORSEMENT (26)

26 Credits	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
ENGLISH (4)	English	English	English	English	English	English	English	English
MATHEMATICS (4)	Math	Math	Math	Math	Math	Math	Math	Math
SCIENCE (4)	Science	Science	Science	Science	Science	Science	Science	Science
SOCIAL STUDIES (3)	Social Studies	Social Studies			Social Studies	Social Studies	Social Studies	Social Studies
FOREIGN LANGUAGE (2)	Foreign Language	Foreign Language	Foreign Language	Foreign Language	Elective	Elective	Elective	Elective
PHYSICAL EDUCATION (1)	PE	PE	Elective	Elective	Elective	Elective	CC4283 Practicum in STEM*	CC4283 Practicum in STEM*
FINE ARTS (1)	Fine Art	Fine Art	Elective	Elective	CC1382 PLTW Digital Electronics*	CC1382 PLTW Digital Electronics*		
ELECTIVES (7+)	CC1380 PLTW Introduction to Engineering Design*	CC1380 PLTW Introduction to Engineering Design*	CC1381 PLTW Principles of Engineering*	CC1381 PLTW Principles of Engineering*	CC1285 Robotics I	CC1285 Robotics I	CC1286 Robotics II FANUC Robot Operator Certification 	CC1286 Robotics II FANUC Robot Operator Certification 

**KEY**

**CAREER TECH CENTER ONLY**

**HOME CAMPUS OR AG SCIENCE CENTER**

**DUAL CREDIT**

**HOME CAMPUS**

**INDUSTRY CERTIFICATION OPPORTUNITY **

*\*Additional Electives*

Not prerequisites for this program of study, but may have individual course prerequisites. See the course description handbook for details. Students should consider taking these supporting courses for increased success in their chosen program of study.

CC1380 PLTW Introduction to Engineering Design

CC1381 PLTW Principles of Engineering

CC1382 PLTW Digital Electronics

# ADDITIONAL ELECTIVE COURSES

## INDEPENDENT STUDY IN TECHNOLOGY APPLICATIONS (WEB DESIGN II)

This course was previously titled Web Mastering II. This second-year course will allow students who were successful in Web Design to apply more advanced skills as they publish and maintain websites for the campus, for business partners and others. Students will learn more sophisticated web development techniques such as interactive forms and animation.

**Prerequisites:** Web Design or approval of technology applications teacher

**Location:** Home Campus

**Course Number:** TA1270

**Credit:** 1

**Grade Placement:** 10-12

## IB INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY SL/HL (YEAR ONE)

This course will fulfill the IB requirement for Group Six Arts/Electives. In today's society, information technology controls and dictates many aspects of our lives. The global use of IT raises important issues about social and ethical concerns that shape our society. The focus of ITGS will be on providing the opportunity for students to understand information technology systems and their influence and impact on social issues in a project-based environment. The underlying theme throughout the course will be internationalism and the global community.

**Prerequisites:** Enrolled in the IB Program and BCIS or Teacher Approval

**Course Number:** SSB331

**Credit:** 1

**Grade Placement:** 11-12

## IB INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY HL (YEAR TWO)

This course builds on the knowledge and skills of ITGS SL and fulfills the International Baccalaureate requirements for Group 6 Arts and Electives. The focus is on providing the opportunity for students to understand information technology systems and their influence and impact on social issues. The objectives are expanded to include a portfolio of research studies.

**Prerequisites:** IB ITGS SL

**Course Number:** SSB341

**Credit:** 1

**Grade Placement:** 12

## IB COMPUTER SCIENCE SL

This course serves as an introduction to computers and the study of managing and processing information. The emphasis is on solving real world problems by means of computer programming (software engineering). Students will learn thoroughly programming language and apply those skills in exploring how computers work. Some topics covered include structures programming techniques, file management, data structures, classes, objects, graphics, debugging, hardware components, and social implications. Upon completion of the course the student will have created software such as a database or an animated graphics display. This course represents college level computer science and prepares students for the IB Computer Science SL Exam.

**Prerequisites:** Algebra II

**Location:** Home Campus

**Course Number:** CSB131

**Credit:** 1

**Grade Placement:** 11-12



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## PRACTICUM/INTERNSHIP NOTE

The Practicum program for Arlington ISD students is designed to encourage students to explore a career of interest, complete the school year practicum, and gain a learning experience with the work environment. It is the capstone course for students that are completing a coherent sequence of courses within their specific career pathway and it is divided into three important components: classroom instruction, workplace instruction, and credentialing certifications.

### **Practicum/Internship Program Objectives:**

- Gain exposure to real-world business scenarios
- Cultivate skills such as adaptability, critical thinking and creativity
- Increase marketability to employers
- Experience specific companies and careers
- Personal growth opportunities
- Increase self-confidence
- Develop professional relationships
- Resume-building experiences
- Applying academic concepts and principles

For some practicum placements, students must obtain an industry recognized certification in their field of study (examples: OSHA, Certified Veterinarian Assistant, Microsoft Office Specialist, Phlebotomy Technician, etc.) prior to placement.

**Eligibility verification at district level is required.  
See counselor for more information.**

# LEADERSHIP COURSES



## STUDENT COUNCIL LEADERSHIP

This class provides an opportunity for students to take leadership positions in the planning of school and community activities. The students must apply and be selected by the sponsor and principal.

**Prerequisites:** Sponsor. Principal Approval

**Course Number:** SL1230

**Credit:** 1 credit

**Grade Placement:** 9-12

## AVID I

AVID 1 utilizes a rigorous college preparatory curriculum, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students will work on academic and personal goals and communication. . Students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

**Prerequisites:** None

**Course Number:** SS1261

**Credit:** 1 credit

**Grade Placement:** 9

## AVID II

This course continues to develop strategies to ensure academic success in core studies required for entrance to four-year colleges and universities. The AVID II Elective course supports student refinement of the AVID strategies to meet their independent needs and learning styles, including adjusting their academic learning plans and goals and increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio, analysis skills, and leadership. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

**Prerequisites:** AVID I

**Course Number:** SS1262

**Credit:** 1 credit

**Grade Placement:** 10

### AVID III

This course enhances the strategies to ensure academic success in core studies required for entrance to four-year colleges and universities by developing college awareness and cross curricular writing, inquiry, collaboration, and reading skills. The focus is on readiness for college testing and selection, document-gathering for the college and financial aid application process, and career research. The eleventh-grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

**Prerequisites:** AVID II

**Course Number:** SS1263

**Credit:** 1 credit

**Grade Placement:** 11

### AVID IV

AVID IV develops strategies to ensure academic success in core studies required for entrance to four-year colleges and universities by developing college awareness and cross curricular writing, inquiry, collaboration, and reading skills. Students finalize college admissions essays, continue focus on college placement examinations, and examine/prepare for college life by selecting courses and finding support services available on university campus. The AVID Elective twelfth grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. AVID IV supports students as they apply to four-year universities and confirm their postsecondary plans.

**Prerequisites:** AVID III

**Course Number:** SS1264

**Credit:** 1 credit

**Grade Placement:** 12

## NON-CREDIT

### ATHLETIC TRAINER/MANAGER

Students serving as athletic trainers/managers will support the organization, management, and delivery of an athletic program.

**Prerequisites:** Principal Approval

**Course Number:** NC1031

**Credit:** None

**Grade Placement:** 11-12

### LIBRARY OPERATIONS

This course is designed to provide student-centered learning that will help the student understand and use correctly library resources, including all forms of media and a wide variety of audio-visual equipment.

**Prerequisites:** Librarian Approval

**Course Number:** NC1032

**Credit:** None

**Grade Placement:** 10-12

### STUDENT OFFICE ASSISTANT

Students serving as office assistants will be responsible to an assigned administrator and must report one period each day to perform primarily clerical duties to expedite necessary documentation for the classroom, library, and offices.

**Prerequisites:** None

**Course Number:** NC1011

**Credit:** None

**Grade Placement:** 11-12

### MASTERY ASSISTANCE CENTER

Students attend regular education classes and receive support services such as modified materials, highlighted texts, having tests read, and assistance with assignments from a special education teacher.

**Prerequisites:** None

**Course Number:** NC1011

**Credit:** None

**Grade Placement:** 9-12

## GED PREPARATION

**Course Description:** Students may enter this program at Venture School through application and/or partial transfer.

**Prerequisites:** Principal Approval

**Course Number:** NC1055

**Credit:** None

**Grade Placement:** None

## MISCELLANEOUS CODES

NC1081	ON JOB TRAINING	PERIOD 1
SEM NC1082	ON JOB TRAINING	PERIOD 2
NC1083	ON JOB TRAINING	PERIOD 3
NC1084	ON JOB TRAINING	PERIOD 4
NC1085	ON JOB TRAINING	PERIOD 5
NC1086	ON JOB TRAINING	PERIOD 6
NC1087	ON JOB TRAINING	PERIOD 7
NC1089	ON JOB TRAINING	PERIOD 8
NC1080	ON JOB TRAINING	PERIOD 9
NC1003	ON JOB TRAINING	PERIOD 10
NC1040	LUNCH	

NC2050	GRADUATE	END OF IST
NC1091	NO CLASS	PERIOD 1
NC1092	NO CLASS	PERIOD 2
NC1093	NO CLASS	PERIOD 3
NC1094	NO CLASS	PERIOD 4
NC1095	NO CLASS	PERIOD 5
NC1096	NO CLASS	PERIOD 6
NC1097	NO CLASS	PERIOD 7
NC1098	NO CLASS	PERIOD 8
NC1099	NO CLASS	PERIOD 9
NC 1090	NO CLASS	PERIOD 10



## COURSE OPTIONS TO MEET GRADUATION REQUIREMENTS

Refer to general education course descriptions for most courses. Only courses without a general education counterpart will be described in this section.

Courses listed in the general education (GE) Texas Essential Knowledge and Skills (TEKS) column are courses taught in the general education setting in which students are responsible for mastery of all the TEKS. If the course is End of Course (EOC) tested, students in these courses will be assessed with the State of Texas Assessments of Academic Readiness (STAAR) EOC (STAAR, STAAR-A) as determined by the ARD Committee.

If a student's Individualized Education Program (IEP) requires modifications to course content in order to access the TEKS, the student will automatically graduate on the Foundation High School Plan (FHSP).

Graduating on a FHSP will impact a student's options for post-secondary education. The three options for courses with modified content are as follows:

- The GE Modified column denotes courses taught in the general education setting in which the student has a content related IEP. The IEP indicates modified content the student requires in order to access the course curriculum.
- Courses listed in the special education (SE) Modified column are taught in the special education setting in which the student has a content related IEP. The IEP indicates modified content the student requires in order to access the course curriculum.
- The SE Alternate column denotes courses taught in the special education setting in which the student has a content related IEP. The IEP indicates the student is accessing the course curriculum at the prerequisite skill level.

# REQUIRED COURSES: CORE SUBJECTS

## ENGLISH/LANGUAGE ARTS

COURSE	GE Course Numbers		SE Course Numbers	
	TEKS	Modified (M)	Modified (M)	Alternate (Alt)
English I	LA1210*	LAM210*	SPLM10*	SPLT10*
English II	LA1220*	LAM220*	SPLM20*	SPLT20*
English III	LA1230	LAM230	SPLM30	SPLT30
English IV	LA1240	LAM240	SPLM40	SPLT40

\*EOC Tested Course

## MATH

COURSE	GE Course Numbers		SE Course Numbers	
	TEKS	Modified (M)	Modified (M)	Alternate (Alt)
Algebra I	MA1220*	MAM220*	SPMM20*	SPMT20*
Geometry	MA1245	MAM245	SPMM45	SPMT45
Math Models	MA1250	MAM250	SPMM50	SPMT50
Algebra II	MA1230	MAM230	SPMM30	SPMT30

\*EOC Tested Course

## SOCIAL STUDIES

COURSE	GE Course Numbers		SE Course Numbers	
	TEKS	Modified (M)	Modified (M)	Alternate (Alt)
World Geography	SS1212	SSM212	SPSM12	SPST12
World History	SS1211	SSM211	SPSM11	SPST11
US History	SS1210*	SSM210*	SPSM10*	SPST10*
Government/ Economics	SS1220/SS12 30	SSM220/SSM2 30	SPSM20/SPSM 30	SPST20/SPST 30

\*EOC Tested Course

## SCIENCE

COURSE	GE Course Numbers		SE Course Numbers	
	TEKS	Modified (M)	Modified (M)	Alternate (Alt)
Biology	SC1220*	SCM220*	SPCM20*	SPCT20*
IPC	SC1210	SCM210	SPCM10	SPCT10
Physics or Environmental Systems	SC1280 SC1290	SCM280 SCM290	SPCM90	SPCT90
Chemistry	SC1250	SCM250		SPCT50

\*EOC Tested Course

# OPTIONS FOR REQUIRED ELECTIVES

## FINE ARTS AND PHYSICAL EDUCATION

COURSE	GE Course Numbers		SE Course Numbers	
	<u>TEKS</u>	<u>Modified (M)</u>	<u>Modified (M)</u>	<u>Alternate (Alt)</u>
Fine Arts:	VARIES	VARIES		
Art I				SPS117
Art II				SPS118
Found of Pers Fitness	PE1249	PE1249		SPS11B
Team Sports or	PE1250	PE1250		
Partner PE:TeamSports	PE1254	PE1254		
Individual Sports or	PE1251	PE1251		
Partner PE: Indiv Sports	PE1253	PE1253		
Aerobic Activities or	PE1241	PE1241		
Partner PE: Aerobic Act	PE1255	PE1255		

## READING

COURSE	GE Course Numbers		SE Course Numbers	
	<u>TEKS</u>	<u>Modified (M)</u>	<u>Modified (M)</u>	<u>Alternate (Alt)</u>
Reading I	LA1273		SPA170	SPAT170
Reading II	LA1274		SPA171	SPAT171
Reading III	LA1275		SPA172	SPAT172

## CAREER AND TECHNICAL EDUCATION

COURSE	GE Course Numbers:					CREDITS
	CTE	CTE ABLE	CTE SEAS	CTE AC	CTE VAC	
Principles of Human Services	CC1250	SPU154	SPE154	SPS11L		1
Interpersonal Studies	CC1252	SPU155	SPE155	SPS12L		0.5
Interpersonal Skills	CC1239			SPS12M		0.5
Intro to Culinary Arts	CC1254			SPS115		1
Principles of Hospitality	CC4254			SPS116		1
Principles of Business, Marketing & Finance	CC1233			SPS11J		1
Career Prep I				(SPS151)	SPV151	2
Career Prep II				(SPS152)	SPV152	2
Money Matters	CC1240				SPV143	1

CTED courses are taught by special education teachers and only special education students are enrolled in these courses. For these course descriptions and other CTE course options, refer to the CTE section of the course description handbook.

COURSE	SE Course Numbers	
	Alternate (Alt)	Local Credits
Activities for Daily Living I	SPS14D	1
Activities for Daily Living II	SPS14E	1
Activities for Daily Living III	SPS14F	1
Activities for Daily Living IV	SPS14K	1

*These courses provide individualized instruction for acquiring skills for daily living including: nutrition, food preparation, safety and emergency procedures, and personal health issues (hygiene, grooming, dressing, and communicating with health care professionals). Instruction will focus on independent living skills that will facilitate progress in the IEP. Grade Placement: 11-12, 12+*

## NAVIGATING LIFE WITH HEARING LOSS

This course will provide the necessary information, resources, and opportunities to empower students who are deaf or hard of hearing to effectively apply information and skills learned in educational, home and community settings in order to facilitate achievement in secondary and post- secondary environments

**Prerequisites:** None

**Location:** Martin

**Course Number:** SPA150

**Credit:** 1 credit

**Grade Placement:** 9-12

## NON-REQUIRED ELECTIVES FOR LOCAL CREDITS ONLY

These are courses that are designed to facilitate progress in the IEP as determined by the ARD committee. Instruction is focused on skills the student needs to facilitate movement towards post-secondary goals. However, these courses are not eligible for state credit to meet graduation requirements.

### ADAPTIVE/STUDY SKILLS

#### ADAPTIVE/ STUDY SKILLS

This course is designed to provide instruction on adaptive and/or study skills for students with auditory and/or visual impairments.

**Prerequisites:** None

**Location:** Martin

**Course Number:** SPA173 AI& VI Support IV

**Credit:** 1 credit

**Grade Placement:** 12

### FUNCTIONAL ACADEMICS

#### COMMUNICATION SKILLS

This course provides individualized instruction for acquiring skills in receptive and expressive language (reading, listening, writing, speaking, sign language, pictures/symbol exchange, Assistive/Adaptive Technology devices). Instruction will focus on improving the mode(s) of communication that will facilitate progress in the IEP. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPS15C

**Credit:** 1 credit

**Grade Placement:** After completing English I-IV

#### MATHEMATICAL APPLICATIONS

This course is designed to facilitate progress in the IEP in functional skills of mathematics for the workplace and independent living.

**Prerequisites:** None

**Location:** Martin

**Course Number:** SPV144

**Credit:** 1 credit

**Grade Placement:** 12

#### MATHEMATICAL APPLICATIONS

This course is designed to facilitate progress in the IEP in functional skills of mathematics for the workplace and independent living. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Location:** Martin

**Course Number:** SPS14P

**Credit:** 1 credit

**Grade Placement:** 12

### SOCIAL/EMOTIONAL SKILLS

#### LIFE MANAGEMENT

These courses provide direct teaching, training, and reinforcement of specific skills needed for social emotional competencies. Lessons and materials focus on developing the interpersonal social, emotional, communication, and problem-solving skills needed for students to make progress in the IEP.

**Prerequisites:** None

**Course Number:** SPE158 or SPU158

**Credit:** 1 credit

**Grade Placement:** 9-12

## COMMUNITY LIVING

This course provides individualized instruction for acquiring knowledge and skills about local government and community as well as citizenship responsibilities such as obeying laws, voting, and recycling. Instruction will focus on social expectations in community settings that will facilitate progress in the IEP. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPS15G

**Credit:** 1 credit

**Grade Placement:** After completing required social studies courses

## INDEPENDENT/DAILY LIVING SKILLS

### HOME LIVING

This course provides individualized instruction for acquiring skills in and maintaining a residence including: managing personal living space, grocery shopping, budgeting, paying bills, and time management (developing hobbies and leisure activities). Instruction will focus on independent living skills that will facilitate progress in the IEP. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPS14H

**Credit:** 1 credit

**Grade Placement:** 12

## EMPLOYABILITY/VOCATIONAL SKILLS

### SCHOOL TO WORK PREP

This course provides classroom based individualized instruction as identified in the IEP in vocational skills including introduction to various occupations, specific tasks required for those occupations, and assessment of vocational aptitude and interests. School to Work Prep can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPS14J

**Credit:** 1 credit

**Grade Placement:** 9-12

### NEIGHBORHOOD EXPERIENCES

This course provides individualized instruction as identified in the IEP in mobility within the neighborhood community via written instructions and maps. Use of neighborhood resources such as the post office, bank, library, recycling plant, and local stores will also be explored.

Neighborhood Experiences can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPS14N

**Credit:** 1 credit

**Grade Placement:** 9-12

### COMMUNITY BASED EXPLORATION AND TRAINING I

This double blocked course is based in the community and provides individualized instruction and support to facilitate the maintenance and generalization of acquired vocational skills identified in the IEP. Students will explore, sample and train in various occupational settings with a job coach.

**Prerequisites:** None

**Course Number:** SPS12W

**Credit:** 1 credit

**Grade Placement:** 10-12



## COMMUNITY BASED EXPLORATION AND TRAINING II

This double blocked course is based in the community and provides individualized instruction and support to facilitate the maintenance and generalization of acquired vocational skills identified in the IEP. Students will explore, sample and train in various occupational settings with a job coach. CBET II can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPS14W

**Credit:** 1 credit

**Grade Placement:** 10-12

## SCHOOL TO WORK TRAINING

This double-blocked course prepares students to enter the workforce by facilitating progress in the IEP in the areas of communication, problem-solving, and interpersonal skills. Students will learn and practice job searching techniques, how to complete job applications based on the requirements of employers and role play job interviewing skills. Additionally, this course provides an opportunity for students to experience real-life work tasks in the community and/or in the classroom. Supervised job-shadowing develops work-related ethics, social skills, and specific job skills as identified by the IEP.

**Prerequisites:** None

**Course Number:** SPV141

**Credit:** 1 credit

**Grade Placement:** 10

## WORKPLACE INTRODUCTION

This double-blocked course prepares students to enter the workforce by facilitating progress in the IEP in the areas of communication, problem-solving, and interpersonal skills. Students will learn and practice job searching techniques, how to complete job applications based on the requirements of employers and role play job interviewing skills. Additionally, this course provides an opportunity for students to experience real-life work tasks in the community and/or in the classroom. Supervised job-shadowing develops work-related ethics, social skills, and specific job skills as identified by the IEP.

**Prerequisites:** None

**Course Number:** SPV154

**Credit:** 1 credit

**Grade Placement:** 10

## COMMUNITY TRANSITION I & II

These courses assess students' interests and aptitudes while assisting them to obtain employment. Students are also provided an opportunity to research a variety of career options based on their individual interests and aptitudes. The primary focus is on obtaining employment and developing a career portfolio.

**Prerequisites:** None

**Course Number:** SPV114, SPV115

**Credit:** 1 credit

**Grade Placement:** 11-12

## COMMUNITY BASED TRANSITION

### COMMUNITY BASED INDEPENDENT LIVING

This course is designed to meet the Transition IEP goal in the area of Daily/Adult living. It is taught in a community setting and will support students' progress toward their individualized post secondary goals as identified by the IEP and transition plan. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPT 110

**Credit:** 1 credit

18 P.L.U.S.S

## COMMUNITY BASED INDEPENDENT LIVING

This course is designed to meet the Transition IEP goal in the area of Community Experiences. It is taught in a community setting and will support students' progress toward their individualized post secondary goals as identified by the IEP and transition plan. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPT 120

**Credit:** 1 credit

18 P.L.U.S.S

## COMMUNITY BASED VOCATIONAL INSTRUCTION (CBVI)

This course is designed to meet the Transition IEP goal in the area of Employment. It is taught in a community setting and will support students' progress toward their individualized post secondary goals as identified by the IEP and transition plan. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPT 130

**Credit:** 1 credit

18 P.L.U.S.S

## COLLEGE PREP

This course is designed to meet the Transition IEP goal in the area of Post-Secondary Education. It is taught in a community setting and will support students' progress toward their individualized Post secondary goals as identified by the IEP and transition plan. This class can be repeated until a student meets graduation requirements or exceeds age eligibility for special education services.

**Prerequisites:** None

**Course Number:** SPT 140

**Credit:** 1 credit

18 P.L.U.S.S

## OPTIONS FOR HIGH SCHOOL GRADUATION

The focus for grades 9-12 will be for students to satisfactorily complete foundation credit requirements and minimum curriculum requirements identified in the IEP and as determined by the ARD committee. Based on individual needs as determined by the ARD committee, a student may then continue to receive services on a high school campus or in the community.

After four years of high school, if the ARD committee deems the student continues to need services, students may participate in a graduation ceremony without graduating/terminating services. After meeting foundation credit and curriculum requirements, an ARD committee will graduate students when a student completes the requirements of the Individualized Education Program (IEP) and one of the following conditions:

- Full-time employment and sufficient self-help skills to maintain employment without direct and ongoing support from the school district
- Demonstration of specific employability and self-help skills that do not require direct ongoing support from the school district
- Access to services that are not within the legal responsibility of public education or to employment or educational options for which the student has been prepared by the academic program
- No longer meets age eligibility requirements and has completed requirements specified in the IEP TEC 28.025 (c)

# GUIDANCE AND COUNSELING DEPARTMENT

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## MISSION

The mission of the Arlington ISD Guidance and Counseling Department is to empower and advocate for all students through a high-quality comprehensive, developmental counseling program that inspires students to strive for their maximum potential in academic, career, and personal/social domains. In a collaborative partnership with all district staff, families and community, the school counselors will support all students to become self-directed productive responsible citizens and lifelong learners.

## VISION

The Arlington ISD Guidance and Counseling Department will empower all students to become socially and emotionally competent citizens who positively impact the world.

**TOGETHER**  
WE MAKE THE **DIFFERENCE**



### FOR MORE INFORMATION

Contact your students' campus, follow us on Twitter or visit our website.



[www.aisd.net](http://www.aisd.net)



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