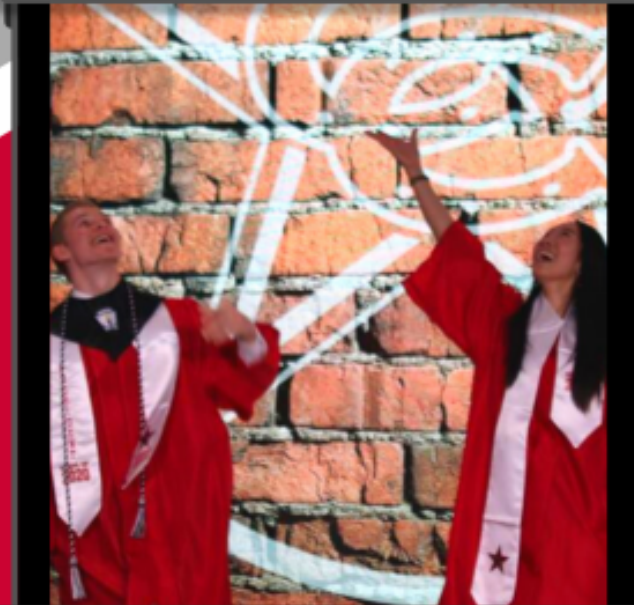




Course Guide



COPPELL HIGH SCHOOL
2021 - 2022



Coppell High School
Administration, Counseling and Academic Guidance
Principal: Laura Springer
Associate Principal: Melissa Arnold
Lead Counselor – Ann Cinelli

Support Staff: 10th-12th Grade			
Linda Adams	Student Services Receptionist	ladams@coppellisd.com	(214) 496-6141
Erin Kelly	Data Entry Specialist	ekelly@coppellisd.com	(214) 496-6142
Kristi Carroll	Registrar	kcarroll@coppellisd.com	(214) 496-6145
Anne Ruedi	Counselor Receptionist	aruedi@coppellisd.com	(214) 496-6140

Counselors: 10th-12th Grade			
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Lindsey Oh	Nal-Roc	loh@coppellisd.com	(214) 496-6136
Ann Cinelli, Lead Counselor	Rod-Som	acinelli@coppellisd.com	(214) 496-6112
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Administrators: 10th-12th Grade			
Melissa Arnold	Associate Principal	marnold@coppellisd.com	(214) 496-6122
Aylor Rix	A-C	arix@coppellisd.com	(214) 496-6124
Cindi Osborne	D-J	cosborne@coppellisd.com	(214) 496-6126
Chris Gollner	K-M	cgollner@coppellisd.com	(214) 496-6123
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The following Course Guide is a live document and information listed below can be changed throughout the year as courses and information are updated. Please see your counselor if you need clarification on any information that is listed. The first part of the course guide lists important information needed as you plan for the 2021-2022 Academic year. The links on the next page will take you directly to the Course Descriptions for each department.

Course Descriptions: Click on the following links to see courses associated with each department.

[English \(including Speech and Debate\)](#)

[Mathematics](#)

[Science](#)

[Social Studies](#)

[Languages Other than English \(LOTE\)](#)

[Fine Arts-Art](#)

[Fine Arts-Band](#)

[Fine Arts-Choir](#)

[Fine Arts -Theatre Arts](#)

[Fine Arts-Dance](#)

[PE/Athletics](#)

[Career and Technical Education](#)

[International Baccalaureate](#)

[Innovative Courses](#)

SCHEDULE CHANGE PRACTICES

Coppell High School is pleased to be able to offer a wide variety of programs and courses for our learners. Selections during registration indicate how many teachers and sections will be needed for a course. The Master Schedule is developed in the spring prior to the upcoming year. The process allows administrators to plan and to hire for optimum academic strength. When learners are permitted to randomly change schedules, teachers and classrooms are not effectively utilized. As a result, all learners are affected. Even the most effective planning is compromised. Very seldom does a single course change affect only one course. Careful selections benefit everyone. Thank you for being a crucial part of our educational team as we work together for academic excellence.

Registration

- Parent and learner informational meetings will be held during spring registration.
- Learners will be guided through course selection during individual conferences to confirm course selection.
- Learners who do not submit a Course Verification Form will have a schedule arranged for them by their counselor according to their academic needs and/or graduation plan.

Change Dates

- **A learner who does not submit a Course Verification Form by Thursday, April 1, 2021 will not be eligible for a schedule change.**
- **The last day to make changes to course requests for the 2021-2022 school year is Thursday, April 1.**
- The last day to make a change to an **Endorsement Plan** for the **2021-22** school year is **Thursday, April 1**. Current 9th, 10th, and 11th graders will have the opportunity to change their Endorsement Plan during their Spring Registration meeting with their counselor.

Schedule Pick Up Through First Week of School

- During schedule pick up and through the first week of school, only the request for schedule changes listed in this section will be considered. Learners must complete and submit CHS Schedule Change Request Form.

Program or course cancelled by district or campus

Missing a class period on the schedule

Prerequisite for course not met

Need to retake a failed course

North Lake classes do not match CHS schedule

Add Junior Release, Senior Release

Need a course required for graduation (**Seniors only**)

Move into IB program

Add/Drop UIL Activity

Add/Drop UIL Athletic Activity (see athletic handbook)

Add Office Aide if space is available (Juniors and Seniors Only)

Course already successfully completed and credit earned (i.e. summer

school, CBE, correspondence)

Level up into a course if space available

At the end of the first progress report (posted week four) and the end of the First 9 weeks

- **Level Down** - At the end of the first progress report (posted week four) and at the end of the first 9 weeks (posted week 10) of the first semester requests to level down will be considered **only if space is available in the new class and if the IPR or RC grade is below a 75%**. Learners must complete and submit a CHS Level Change Form. The grade earned in the current class will be the grade the learner begins with in the new class. Requests for **same level** moves will not be taken, such as a move from Honors to G/T Honors, IB to AP. *Requests for a different teacher for the same course will not be taken.*
- **Dropping a Course** - At the end of the first progress report (posted week four) of school **juniors and seniors** may choose to drop a course and add a release if the learner meets the criteria for a release period or requests a teacher aide (if space is available).

End of First Semester

- **Level Down** - At the end of the first semester, requests to level down will be considered only if space is available in the new class **and if the Semester grade is below a 75%**. Learners must complete and submit CHS Level Change Form. The grade earned in the current class will be the final grade for first semester. Requests for **same level** moves will not be taken, such as a move from Honors to G/T Honors, IB to AP, *teacher change requests or changing from one class to another.*
- **Dropping a Course** - At the end of the first semester **juniors and seniors** may choose to drop a course and add a release or teacher aide if approved if the learner meets the criteria for a release period

All courses a learner attempts for the full semester will be posted on the official transcript.

At the end of the first progress report (posted week four) (One Semester Course in Spring Semester)

- For a one semester course that begins second semester, a level down request will be considered at the end of the first progress report (posted week four) of the spring semester if space is available in the new class. Learners must complete and submit CHS Level Change Form. The grade earned in the current class will be the grade the learner begins with in the new class. Requests for **same level** moves will not be taken, such as a move from Honors to G/T Honors, IB to AP, *teacher change requests or changing from one class to another.*

Coppell High School
2021-2022 Registration Timeline
For Current 9th-11th Grades

<u>Date</u>	<u>Action</u>
Dec 18th	Course Guide available online
Jan 13th	Parent & Student Presentations Registration 101, Dual Credit, Grad Plans & Endorsements, Student Panel
Jan 13th	Registration Opens Online
Jan 15th	Presentations available online for parents and students
Jan 19th	Students review registration process during 3rd period
Jan 20th- 22nd	Counselor Open Zoom Sessions
Jan 27th	Spring Open House: A preview of next year's courses
Feb 3rd	Online Registration closes all course selection requests due for 2021-2022 school year
Feb 8th- 11th	Registration meetings with in person learners
Feb 12th-Mar 4th	Virtual Counselor Meetings
March 10th	Course selection verification sheets available
April 1st	Course selections verifications (Current 9th-11th) due back
April 1st	Final date to make course requests changes

HIGH SCHOOL COURSE PLANNING

Planning a four-year high school program is a serious undertaking. Although many of your courses will be determined by the graduation plan you select, you will still have many other choices to make during your years of school. Your course selection should be guided largely by your plans for the future.

Coppell ISD provides a wide range of programs that prepare learners for post-high school experiences. The programs offered allow a learner to choose the high school program best for him/her, whether that program is the traditional college preparatory or a career preparatory program. By planning wisely, you can create the future that is most appropriate for you.

This guidebook is designed to help you select courses during your high school years that will support your future education and employment plans. The majority of employment opportunities require specific skills and education beyond high school. Determining which direction you want to go is not always easy. To help you decide on your pathway there are several tools that are available to you. One tool Coppell ISD offers is the Naviance program.

Coppell High School counselors recommend that all learners explore the [Naviance](#) program career features listed below to help align course selections with future goals.

Naviance Career Features

1. *Personality Type Assessment: Do What You Are*

Do What You Are differs from other programs in several important ways. Perhaps most notable, it is based on personality typing — the innate way people naturally see the world and make decisions — a set of basic drives and motivations that remain constant throughout a person's life. Other programs are based on the belief that the best career decisions result from matching learners' values, skills and interests with specific jobs. However, in reality, values, skills and interests are quite fluid in young people and often change significantly as they grow older. Learning about their personality types, learners gain accurate and invaluable insights about themselves and their career-related needs. This enables them to make the most informed, satisfying college and career decisions.

2. *Career Interest Profiler*

The Career Interest Profiler is a tool that can help you discover the types of work activities and careers that match your interests. The interest profiler has 180 questions about work activities that people do at their jobs. This is not a test. There are no right or wrong answers. The more accurately you answer each question, though, the better your results will be.

3. *Cluster Finder*

Career clusters are a way of grouping careers with common features and skills. Careers grouped into the same cluster typically require similar education and training. Exploring clusters can be a useful way to find a good career match; especially if you have general areas of interest but are not, sure what specific careers match those interests. Career clusters can also help you better understand how your coursework in school can prepare you for certain types of careers.

4. *Explore Careers & Clusters*

This is a general tool to further research specific careers or career clusters that are of interest to you. This can lead to further investigation of post-secondary education options to meet your future needs.

Take your time and make good decisions when you choose your courses. You can always change your pathway or cluster. Part of being a high school learner is about exploring options. The intention of this section is to give you some ideas to think about as you continue your journey towards a productive and fulfilling life.

Parents:

- Please spend time going over high school course selections with your learner.
- Please help your learner understand the relationship between current educational choices and future career options.
- Please get involved in school activities such as the College Workshop, College Night, Financial Aid Night, and other presentations provided by Coppell ISD. The purpose of the previous information is to help you and your learner plan high school courses based on graduation requirements, career interest, and future goals. Please remember learners will be required to take core academic subjects as well as electives.

Graduation Program

All students in the State of Texas begin their high school career on the Foundation High School Plan with an Endorsement (Distinguished Level of Achievement). After a learner's sophomore year and based on his/her individual instructional plan, the learner can elect to graduate on the Foundation High School Plan. There are considerations for post-secondary enrollment which need to be discussed with the learner and his/her parents prior to making that change. Learners who are considering this change will need to discuss it with their counselor.

Subject Area	FHSP+Endorsement with Distinguished level of Achievement (26 credits)	Foundation High School Program (22 credits)
English	4 Credits <ul style="list-style-type: none"> ● English I ● English II ● English III ● English IV 	4 Credits <ul style="list-style-type: none"> ● English I ● English II ● English III ● English IV
Math	4 Credits <ul style="list-style-type: none"> ● Algebra I ● Geometry ● Algebra II ● 4th Credit of Math * (*If Math Models is taken, the class must be completed after Algebra I and prior to Algebra II)	3 Credits <ul style="list-style-type: none"> ● Algebra I ● Geometry ● 3rd Credit of Math* (*If Math Models is taken, the class must be completed after Algebra I and prior to Algebra II)
Science	4 Credits <ul style="list-style-type: none"> ● Biology ● Chemistry ● Physics ● Additional science credit selected from the course guide. 	3 Credits <ul style="list-style-type: none"> ● Biology ● Chemistry ● Physics
Social Studies	3 Credits <ul style="list-style-type: none"> ● World Geography* or World History* ● US History ● Government / Economics (*See Multidisciplinary Endorsement information below)	3 Credits <ul style="list-style-type: none"> ● World History or World Geography ● US History ● Government / Economics
Fine Art	1 Fine Art Credit (See course guide for options)	1 Fine Art Credit (See course guide for options)
Foreign Language	2 Credits from the Same Language	2 Credits from the Same Language
Physical Education	1 Physical Education Credit (See course guide for options)	1 Physical Education Credit (See course guide for options)
Additional Courses	7.0 credits (see course guide)	5.0 credits (see course guide)
Total:	26 Credits	22 Credits

ENDORSEMENT OPTIONS

FHSP+Endorsement with Distinguished level of Achievement (26 credits)

BUSINESS & INDUSTRY	PUBLIC SERVICES	STEM	ARTS & HUMANITIES	MULTIDISCIPLINARY
<p>A coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster, including at least one advanced CTE course (listed below).</p> <p>Advanced CTE Courses include the following:</p> <p>Architecture & Construction Cluster -Construction Management & Inspection</p> <p>Arts, A/V Technology & Communications Cluster -Design & Multimedia Arts -Design & Multimedia Arts (Sidekick or Round-Up) -Digital Communications (KCBY)</p> <p>Business, Marketing, and Finance Cluster -Accounting & Financial Services -Business Management -Marketing & Sales</p>	<p>A coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster, including at least one advanced CTE course (listed below):</p> <p>Advanced CTE Courses include the following:</p> <p>Education & Training Cluster -Teaching & Training</p> <p>Health Science Cluster -Healthcare Therapeutic (EMT, Medical Assistant, Pharmacy Tech, Sports Medicine) -Exercise Health & Wellness</p>	<p>A student must complete Algebra II, Chemistry, and Physics in addition to ONE of the following options:</p> <p>A coherent sequence of courses for four or more credits in Career and Technical Education (CTE) that consists of at least two courses in the same career cluster, including at least one advanced CTE course (listed below):</p> <p>Advanced CTE Courses include the following:</p> <p>1. Five credits in Mathematics: Algebra I, Geometry, Algebra II PLUS two of the following courses: Pre-Calculus (on-level or AP), AP Statistics, AP Calculus (AB or BC),</p> <p>2. Five credits in Science: Biology, Chemistry, Physics PLUS two of the following courses: Any AP science class; Anatomy & Physiology, Astronomy, Environmental Systems, Forensic Science</p> <p>3. STEM Cluster -Engineering -Programming & Software Development</p>	<p>This endorsement can be earned one of following ways:</p> <p>1. Five Social Studies credits: World Geography, World History, US History, Economics (½ credit), Government (½ credit) PLUS Psychology / AP Psychology and Sociology</p> <p>2. LOTE - Four levels of the same World Language: ASL, Chinese, French, Spanish</p> <p>3. LOTE - Two levels of a World Language and two levels of a different World Language:</p> <p>4. FINE ARTS - A coherent sequence of four credits within a Fine Arts category or discipline. For example: Art 1-4 Band 1-4 Choir 1-4 Dance 1-4 Theater 1-4</p> <p>5. Two levels of a Fine Art and two levels of a different Fine Art. Art, Band, Choir, Dance, Theater</p>	<p>A student must complete all requirements for Foundation + Endorsement 26 credits including one of the following:</p> <p>1. Four Credits in each subject area. English, Math, Social Studies & Science</p> <p>2. Four Credits in AP or IB or Dual Credit: English, Math, Science, Social Studies, Economics, LOTE or Fine Arts</p>

For Learners Who Entered Grade 9 in the 2014-2015 School Year and Thereafter: Distinguished Level of Achievement

The Distinguished Level of Achievement will be a designation on the final transcript and diploma. A learner must earn the Distinguished Level of Achievement in order to be eligible for automatic top 10% admission to Texas universities. A student may earn a distinguished level of achievement by successfully completing:

- A total of four credits in mathematics, which must include Algebra II
- A total of four credits in science
- The remaining curriculum requirements
- The curriculum requirements for at least one endorsement

Foundation Plan + Completion of One Endorsement = Distinguished Level of Achievement

Performance Acknowledgements

Performance Acknowledgements are listed on students' final transcript following graduation.

Dual Credit

A learner may earn a performance acknowledgment on the learner's transcript for outstanding performance in a dual credit course by successfully completing at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; **or** an associate degree while in high school.

Bilingualism and Biliteracy

A learner may earn a performance acknowledgment in bilingualism and biliteracy by demonstrating proficiency in accordance with local school district grading policy in two or more languages by completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; **and** satisfying one of the following:

1. completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; **or**
2. demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; **or**
3. completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; **or**
4. demonstrated proficiency in one or more languages other than English through one of the following methods:
 - (1) a score of 3 or higher on a College Board Advanced Placement examination for a language other than English;
 - (2) **or**
 - (3) a score of 4 or higher on an International Baccalaureate examination for a higher-level languages other than English course; **or**
 - (4) performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.

In addition to meeting the requirements of paragraph (1) of this subsection, to earn a performance acknowledgment in bilingualism and biliteracy, an **English learner** must also have participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

AP/IB Exam

A learner may earn a performance acknowledgment on the learner's transcript for outstanding performance on a College Board Advanced Placement test **or** International Baccalaureate examination by earning a score of 3 or above on a College Board Advanced Placement examination; **or** a score of 4 or above on an International Baccalaureate examination.

PSAT/ACT Aspire/SAT/ACT Exam

A learner may earn a performance acknowledgment on the learner's transcript for outstanding performance on an established, valid, reliable, and nationally norm-referenced preliminary college preparation assessment instrument used to measure a learner's progress toward readiness for college and the workplace or on an established valid, reliable, and nationally norm-referenced assessment instrument used by colleges and universities as part of their undergraduate admissions process by:

1. earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the learner for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation; **or**
2. achieving the college readiness benchmark score on at least two of the four subject tests on the ACT Aspire™ examination; **or**
3. earning scores of at least 410 on the evidence-based reading section and 520 on the mathematics section of the SAT®; **or**
4. earning a composite score on the ACT® examination of 28 (excluding the writing subscore).

Business/Industry Certifications

A learner may earn a performance acknowledgment on the learner's transcript for earning a state-recognized or nationally or internationally recognized business or industry certification or license as follows. See Career and Technical Education Endorsements

1. A learner may earn a performance acknowledgment with performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; **or** performance on an examination sufficient to obtain government-required credentials to practice a profession.
2. Nationally or internationally recognized business or industry certification shall be defined as an industry-validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by **or** endorsed by a national or international business, industry, **or** professional organization; a state agency **or** other government entity; **or** a state-based industry association.
3. Certifications or licensures for performance acknowledgements shall be age appropriate for high school students; represent a student's substantial course of study and/or end-of-program knowledge and skills; include an industry-recognized examination or series of examinations, an industry-validated skill test, or demonstrated proficiency through documented, supervised field experience; and represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.

GRADING

Coppell High School is on a weighted 5.0 grade point scale. Grade points are assigned to each semester grade as follows. Any semester grade below a 70 is averaged into a learner's GPA with "0" grade points.

Grades	Level 4 Eligible Advanced Place (AP), some International Baccalaureate (IB), and other designated courses shall be categorized and weighted as Level IV courses	Level 3 Eligible honors courses, dual credit courses, some IB courses, and other designated courses shall be categorized and weighted as Level III courses	Level 2 All other eligible courses not categorized and weighted as Level II courses	Level 1 Eligible local credit courses shall be categorized and weighted as Level I courses
97-100 (A+)	6.0	5.5	5.0	4.0
94-96 (A)	5.8	5.3	4.8	3.8
90-93 (A-)	5.6	5.1	4.6	3.6
87-89 (B+)	5.4	4.9	4.4	3.4
84-86 (B)	5.2	4.7	4.2	3.2
80-83 (B-)	5.0	4.5	4.0	3.0
77-79 (C+)	4.8	4.3	3.8	2.8
74-76 (C)	4.6	4.1	3.6	2.6
71-73 (C-)	4.4	3.9	3.4	2.4
70 (D/F)	4.2	3.7	3.2	2.2

Dual Credit courses will earn GPA points on the following scale: A = 5.5 B = 4.9 C = 4.3 D and F = 0

Transfer grades: Students who transfer into CHS with letter grades on their official transcript will be given the equivalent lower end number grade as written in the table above.

Many colleges and universities request a 4.0 GPA on transcripts. Those have recently been added to CISD transcripts. Below is the conversion table for those grades.

Grades	Level 4 Eligible Advanced Place (AP), some International Baccalaureate (IB), and other designated courses shall be categorized and weighted as Level IV courses	Level 3 Eligible honors courses, dual credit courses, some IB courses, and other designated courses shall be categorized and weighted as Level III courses	Level 2 All other eligible courses not categorized and weighted as Level II courses
97-100	4.6	4.3	4.0
94-96	4.4	4.1	3.8
90-93	4.2	3.9	3.6
87-89	4.0	3.7	3.4
84-86	3.8	3.5	3.2
80-83	3.6	3.3	3.0
77-79	3.4	3.1	2.8
74-76	3.2	2.9	2.6
71-73	3.0	2.7	2.4
70	2.8	2.5	2.2
Below 70	0	0	0

Local Credit

Learners can gain local credit by taking local credit classes. However, these credits cannot be used to meet the 22 state credits required on the Foundation Plan **nor** can they be used to meet the 26 state credits required on the Foundation Plus Endorsement Plan. These courses are not calculated in GPA. Only one local credit course is allowed per school year. Local credit is granted for the following courses:

- Library Assistant after 1 credit
- Office/Counselor Aide
- Teacher Aide
- Peer Aide after 1.5 credits

Calculating Semester Averages

To calculate the final semester average for a course:

- Add the final grade of each nine weeks marking period and total and divide by 2

HOME ACCESS CENTER AND LEARNER GRADES

Parents and learners may view grades through the Home Access Center. This tool provides unofficial grading information. Learners' official grades are reported at the end of each nine weeks.

Student Course Loads and Release Periods

Sophomores are required to enroll in 8 periods per semester. Sophomores will not be eligible for a release period.

Juniors and seniors have the option for a release period on their schedule if they meet the criteria below. It may be used to focus on career or academic pursuits or to use as travel time to attend a class at North Lake. Keep in mind this is a privilege, not a right. Following are the criteria:

- Parental approval
- Pass all End of Course exams
- 14 credits if a junior, 20 credits if a senior
- Meet compulsory attendance requirements
- **Must have transportation to leave campus. Learners are not allowed to remain on campus during release periods.**

Juniors and Seniors may have a second release period if they meet the criteria for release periods listed above and are in good standing with completing the appropriate number of credits and other graduation requirements.

Release periods are only available the first and last period of the day. For example, a learner can have one release period during 1st or 4th, or 5th, or 8th. A learner who is eligible for two release periods may have them during 1st & 5th or 4th & 8th or 1st & 8th or 4th & 5th. It is not allowable for a learner to have 1st & 4th or 5th & 8th.

Release periods are not guaranteed and are requested, morning and afternoon releases are determined by student's schedule and class availability.

DETERMINING CREDIT FOR COURSES

To receive credit for a **one-semester** course, a learner must pass the semester with a score of 70 or higher. Each semester grade stands alone for GPA purposes and will be posted on the official transcript with the appropriate credit awarded.

To receive credit for a **two-semester** course, a learner must pass each semester with a score of 70 or higher.

OR Learners who **fail either semester** of a two-semester course can regain credit by average passing the course for the year.

Notes for Pass Average:

- The second semester of the course must be taken at Coppell High School immediately following the first semester.
- The failing grade will be posted on the official transcript and 0.5 credits will be awarded.
- Dual Credit courses cannot be averaged to earn a full year credit.

If a learner fails both semesters of a course, then both semesters must be repeated. All courses that a learner attempts for the full semester will be posted on the official transcript. **A learner must have a 90% attendance rate in school in order to receive credit for any course taken at Coppell High School regardless of the grade earned.**

TRANSCRIPTS

A transcript is an Academic Achievement Record (AAR) that is an official and permanent record of a learner's academic performance during high school. Semester grades earned in grades 9-12 and any high school course taken prior to ninth grade for which a learner earned state graduation credit will be recorded. Foreign transcripts will be recorded/transcribed on Coppell High School transcripts with the letter P for passing. No GPA will be awarded for the letter P. (FD Local) Grades recorded on the official transcript (AAR) may not be removed or replaced.

An official transcript (AAR) will be stamped with an official seal, signed by a school official, and enclosed in a sealed envelope.

ACT and/or SAT scores are not included with transcripts. If needed, please request test scores from:

ACT www.actstudent.org
SAT www.collegeboard.com

Transcripts *for all current students* are ordered through Naviance. There is no charge for transcripts, and they will be sent to the college once they are requested in Naviance.

Access to the records of a learner who is or has been in attendance at a school in the District shall be granted to the parent of the learner who is a minor or who is a dependent for tax purposes. Please refer to State Code 34 CFR 990.5 for additional information.

CISD CLASS RANKING AND GPA POLICY

- **® Rank in Class**
- Beginning with the 2010-2011 school year Coppell High School ranks only the top 10% of the class.
- Junior GPA and class rank are updated in June and February after semester grades are posted.
- Senior GPA and class rank are updated in June, October (to reflect summer grades and changes in enrollment), and February after semester grades are posted.
- **Final class rank of the top 10% of the graduating class will be calculated at the end of the 1st semester of the senior year.** However, a learner's GPA continues through the end of their senior year.
- **Learners entering 9th grade in 2011-2012 and thereafter** will have their GPA calculated as follows:
 - GPA will be calculated for all courses receiving state credit.
 - As a basic guideline the four cores and foreign languages are used to compute rank in class GPA. To confirm if a particular course is used in the calculation of Rank in Class GPA see the ® symbol before the course title.
- Learners who have five or more passes or fails (P/F's) on the official transcript due to foreign transcripts will not be ranked in the top 10%. (FD Local)

PROMOTION/RETENTION

The following information determines a learner's grade level placement in high school

1. To be considered a sophomore, a learner must have acquired 6 credits, including one credit of English and one credit of mathematics.
2. To be considered a junior, a learner must have acquired 12 credits, including two credits of English and two credits of mathematics.
3. To be considered a senior, a learner must have acquired 19 credits, including three credits of English and three credits of mathematics.
4. To be considered a graduate, a learner must satisfy the required end of course exams in addition to meeting all graduation requirements. Learners officially placed in Special Education program(s) shall be promoted and shall graduate according to the criteria stated in their Individual Education Plan (IEP) and by the decisions of the Admission, Review, and Dismissal (ARD) committee.

Verification of Enrollment and Attendance (TEA FORM)

All learners enrolling in Driver's Education, obtaining their license for the first time, renewing their expired license, or renewing their license when they turn 17, need to request a Verification of Enrollment and Attendance form required by the Texas Education Agency (T.E. A.). This form is available in the main Student Services office. CHS does not offer Driver's Education classes. Please allow one school day for processing.

UIL ELIGIBILITY

Learners must meet the requirements below to be eligible for extra-curricular participation:

- A learner who receives at the end of a grading period a grade below 70 in any academic class—other than an Advanced Placement (AP) or International Baccalaureate (IB) course; or an honors course in English language arts, mathematics, science, social studies, economics, or language other than English—may not participate in extracurricular activities. The learner regains/loses eligibility after the seven calendar day waiting period has ended following a grading period or regains at the three school week evaluation period when the principal and teachers determine that he or she has earned a passing grade (70 or above) **in all classes**.
- An ineligible student may practice or rehearse but may not participate in any competitive activity.
- Learners must have earned the following number of credits prior to September 1 in order to participate in any extra-curricular activity during the first nine weeks period:
10th grade: 5 credits 11th grade: 10 credits 12th grade: 15 credits
- Learners may not miss more than 10 days per year of any course for participation in extra-curricular or co-curricular activities. Violation of this rule will result in the loss of credit.
- Learners may not drop courses in order to regain eligibility under the "no pass, no play" rule. Learners 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 it being considered a failing grade for eligibility purposes.
- A student who receives special education services and who fails to meet the standards in the individualized education program (IEP) may not participate for at least three school weeks.

INDIVIDUALIZED LEARNING- ADMINISTRATIVE GUIDELINES

Course Offerings

Our philosophy is to provide learners with access to flexible course offerings and innovative programs to meet the diverse needs of the learners in the Coppell Independent School District in the information-rich environment of the 21st century. Several course alternatives will be offered to assist learners in gaining credit toward high school graduation. **Learners are required to discuss options with their counselor prior to signing up for the following:**

- Distance Learning - also known as "correspondence courses" can be taken print-based or online, if offered.
- Internet Courses - include Virtual School courses or online courses.

Guidelines:

- Learners must take at least 6 classes/3 credits per semester at a Coppell ISD high school campus. 16 courses out of the 26 courses for high school graduation must be taken on a Coppell ISD high school campus. Early College Experience Participants are the exception to this rule.

- For transfer learners, the “16 courses out of 26” rule will be prorated.
- Learners must have met standard on the state mandated tests in the previous school year for the online course subject area.
- Sophomore learners are not eligible for a release period. These learners must be registered for at least 8 class periods.
- The source of the distance learning or internet course must meet district curriculum requirements.

Transcript/GPA Guidelines

- All distance learning and internet courses will count toward GPA. The grade will appear on the transcript with the credit earned. The grade will not replace any existing grade. Credit earned will be at level 2 for these courses, except for Internet courses taken for dual credit which will be at level 3, and AP Virtual courses at Level 4.
- All distancing learning courses attempted that receive a grade will be recorded on a students transcript.
- Courses taken in summer school for either original credit or credit recovery will count toward GPA.
- Courses taken during the school year for credit recovery will count toward GPA.

Distance Learning or Internet Course Enrollment Procedures

- Learners must register for courses online.
- It is the learner’s responsibility to make sure they are enrolling in courses they need for graduation.
- It is the learner’s responsibility to check their school’s website for dates and times to take exams.
- It is the learner’s responsibility to pay the \$10 proctor fee, provide photo ID, and to bring all materials needed for exam day (laptop, calculator, tape recorder, blank tapes, etc.).
- It is the learner’s responsibility to provide a certified copy of the transcript from a correspondence or distance learning course before his/her schedule will be changed.
- Please note: Learners may NOT register for a distance learning or correspondence course for which he/she is currently enrolled. (Credit cannot be awarded twice.)

CREDIT BY EXAMS (CBE)

For Credit Recovery

Credit Recovery grade(s) will appear on the learner’s transcript with credit earned and will count toward the learner’s GPA.

Visit your school’s website under the counseling menu for registration information and test dates.

For Original Credit

- CBE for Original Credit is an opportunity for learners to earn credit for a course by demonstrating mastery of the course objectives on an exam.
- Credit is earned by the semester; thus, learners must take a separate exam for each semester of a two-semester course.
- In order to earn credit learners must score an 80 or above on the exam.
- CBE grades will appear on the learner’s transcript with credit earned and will count toward the learner’s GPA at a level 2.
- CISD offers this testing each year. Applications are available online. Registration deadlines are strictly enforced. Learners may contact the Director of Assessment at 214-496-7020 for more information or go to the following link <http://www.coppellisd.com/Page/523>
- CBE credit must be completed and scored one week prior to the semester in which the course would have been taken.
- **Important:** Learners who earn course credit through correspondence course for a course associated with a STAAR End-of-Course (EOC) exam are required by state law to take the STAAR End-of-Course exam at the next state-determined test date following the date correspondence grades are received by the district. STAAR End-of-Course (EOC) exam requirements must be met in order to receive a high school diploma in Texas. STAAR End-of-Course exams include Algebra I, Biology, U.S. History, English I and English

HONORS COURSES

CHS designates some courses as Honors courses. These courses are intentionally designed to provide learners the skills necessary to succeed in college level courses (such as AP, IB or dual credit courses). The strategies in Honors courses focus on critical reading, writing, and problem solving.

AP COURSES

Research shows that learners who participate in AP courses are better prepared for the academic challenges of college. When evaluating applications, colleges and universities look at the rigor of courses a learner took versus what was offered at the high school and recognize AP courses as at the highest level.

Learners who have been identified as a College Board AP Scholar by *scoring a 3 or higher on three or more AP exams* will have the opportunity to be recognized with a color cord at graduation for their achievement in Advanced Placement courses offered at CHS. In order to be recognized as a College Board AP Scholar, learners will complete an application and submit it to the AP Campus Facilitator by March 31. Upon review, learners will be notified of their status.

Advanced Placement (AP) courses are designed by College Board to reflect the knowledge and skills taught in college courses. Learners may demonstrate their knowledge and skills on AP Exams offered each May during a two week period. Learners may earn college credit based on qualifying scores on the exams. The criteria for earning credit vary by college. For more information, visit www.apcentral.collegeboard.com.

CHS endorses an open enrollment policy for AP courses. There are no qualifying criteria or applications for learners to enroll as long as they have taken the stated pre-requisite courses. The Advanced Placement program enriches the secondary school experience of learners willing to apply themselves to college level studies and provides the means for colleges to grant credit or placement, or both, to learners who earn qualifying scores on AP exams.

The College Board may bestow additional honors upon learners who achieve the following:

College Board AP Scholars score a 3 or higher on three or more AP exams.

College Board AP Scholars with Honors achieve an average of 3.25 on all AP exams taken and score 3 or higher on four or more exams.

College Board AP Scholars with Distinction achieve an average of 3.5 on all AP exams taken and score 3 or higher on five or more exams.

College Board National AP Scholars achieve an average of 4.0 on all AP exams taken and score 4 or higher on eight or more exams.

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAM

This program is a distinction within the graduation requirements of Coppell High School. A graduate may complete this program and/or the Distinguished Achievement Program (DAP) while working towards meeting graduation requirements. As part of the program learners must complete the coursework associated with six IB subjects. In addition to the grades earned at CHS, upon completion of the courses, learners receive a score of 1-7 based on the quality of externally graded examinations and internally marked assessments. For either three or four of the courses learners must complete examinations at the higher level (HL). Learners are required to take the IB exams when they complete the courses and, like AP exams, there are associated fees. The total of all fees for the two-year program will be roughly \$750 for learners beginning the program in the fall of 2020. \$300 is due at the beginning of the junior year. Additional payments are required in throughout the junior year, and payment in full must be made by the end of the junior year. Checks should be payable to CISD. No IB course requests will be processed without proper payment. Accommodations based on financial needs can be worked out on an individual basis. All IB learners must complete the “core elements” of the diploma program in addition to the subject requirements. These include: Creativity, Action, Service (CAS) – activities completed over the two years outside the academic day, Extended Essay (EE) – 4,000 word original research paper on a topic of personal interest, mentored by faculty member, and Theory of Knowledge (ToK) course – two one-semester courses taken in the spring of the junior year and the fall of senior year.

Courses Available – Choosing one path (row) from each of the six groups will satisfy the IB requirements as long as the learner has the ability to complete three or four HL examinations (see the far right column).

****For 2020-2021, juniors and seniors who are not in IB program have the option to enroll in ONE IB course as long as they also take Theory of Knowledge.**

1. English	2	IB English III	IB English IV	HL	
	2	IB Spanish IV	IB Spanish V	HL or SL	
		IB Spanish ab initio I	IB Spanish ab initio II		
		IB French IV	IB French V	SL	
2. Second Language	2	IB French ab initio I	IB French ab initio II	HL or SL	
	3. Social Studies	2	IB History of the Americas I	IB History of the Americas II	HL
		1-2	IB Economics I (<i>learners can assess SL after one year</i>)	IB Economics II	HL or SL
	4. Science	2	IB Biology I	IB Biology II	HL or SL
2		IB Chemistry I	IB Chemistry II	HL or SL	
1		IB Physics (<i>may be taken in either year</i>)		SL	
1		Complete third required science credit outside the IB	IB Environmental Systems and Societies	SL	
5. Mathematics	2	IB Math Analysis HL I	IB Math Analysis HL II	HL or SL	
	2	IB Math Analysis SL I	IB Math Analysis SL II	SL	
	1		IB Math Applications SL (<i>may be taken in either year, but must follow Algebra II</i>)	SL	
6. Arts/Elective	2	IB Visual Arts I	IB Visual Arts II	HL or SL	
	1 or 2	A second course from group 2, 3 or 4 (e.g. take History AND Economics or take French AND Spanish ab initio or take Biology AND Environmental Systems and Societies)			

- The availability of all courses is subject to learner demand
- Successful completion of IB History of the Americas I and II will earn the state required government credit (pass/fail)

If you have further or more specific questions on how the IB diploma program might work for your child, please contact the CHS IB Coordinator, Michael Brock at mbrock@coppellisd.com

DUAL AND CONCURRENT COLLEGE CREDIT

Dual Credit is a partnership between Dallas County Community College and Coppell ISD. Approved college courses are available to CISD learners after their 9th grade year.

Guidelines

- The learner must follow the policies for enrollment and registration as outlined by the DCCCD campus OR other approved college.
- The learner must coordinate the college course time with the CHS class schedule. This means the DCCCD course must be scheduled prior to the first class at CHS and/or after the last class at CHS.
- The learner must follow district guidelines for college release periods.
- Grades for Dual Credit courses, including Dual Credit in summer school, are calculated into GPA as Level 3 Honors.
- Concurrent enrollment courses will not count for credit or GPA on the learner's high school transcript.
- Learners must pay for concurrent courses.
- Learners must pay for classes being repeated.
- Learners are responsible for purchasing books and other required instructional materials for the Dual Credit and Concurrent Enrollment course(s).
- DCCCD Dual Credit classes are graded by letters. This is translated to CHS grading as: A - 99, B-89, C-79, D/F-69.

Steps

- Registration begins with learners identifying courses within the list below & notifying their counselor during the registration process.
- All registration materials are available through Schoology.

Learner Responsibilities for Dual Credit and Concurrent Enrollment

To participate in the Dual Credit program, a high school learner must:

- Be a CHS Student in good standing.
- Follow all of the guidelines for college learners as set by the Dallas County Community College District.
- Follow CHS Learner Handbook guidelines while attending classes on the DCCCD Campuses.
- Report grades to parents and bring an official transcript in a sealed envelope from the DCCCD campus to their CHS counselor to receive credit.
- CHS counselors are required to sign off prior to a learner dropping a Dual Credit course.
- Take responsibility to coordinate lab work and/or testing within the schedule of CHS. They will be held accountable for absences due to flexible scheduling at the high school. Any absences from CHS classes due to conflicts in schedules will count against exemptions for final exams.

Dropping a Dual Credit Course

Learners can obtain drop forms from their CHS counselor.

An Early College Experience

CHS Seniors who have successfully completed at least one dual credit course have the opportunity to engage in a part-time dual credit/concurrent enrollment program at DCCCD campuses. There are two program options available to learners who are interested in this opportunity. **You may discuss this at your registration meeting.**

Option 1

- Two Morning Courses at Coppell High School (1st, 2nd, 5th & 6th periods)
- At least 12 hours per semester offered face to face in the afternoon or online at a DCCCD Campus

Option 2

- At least 12 hours per semester offered face to face in the morning or online at a DCCCD Campus
- Two Afternoon Courses at Coppell High School (3rd, 4th, 7th & 8th)

Approved Courses for Dual Credit 2021-2022

All courses for North Lake College are taught at the college or online, unless specified otherwise.

CISD Course	CISD Credit	North Lake College Course	North Lake Credit	TSI / Prerequisite R=Reading / W=Writing / M= Math
English Language Arts				
@English IV A	.5	ENGL 1301: Composition I	3 hours	R & W
@English IV B	.5	ENGL 1302: Composition II	3 hours	ENGL 1301 or AP Lang & Comp Score 3 -5
@Independent Study in English A-1 st time taken	.5	ENGL 2322: British Literature I	3 hours	ENGL 1302
@Independent Study in English B-1 st time taken	.5	ENGL 2323: British Literature II	3 hours	ENGL 1302
@Independent Study in English A-1 st time taken	.5	ENGL 2327: American Literature I	3 hours	ENGL 1302
@Independent Study in English B-1 st time taken	.5	ENGL 2328: American Literature II	3 hours	ENGL 1302
Communications				
Communication Applications	.5	SPCH 1311: Introduction to Speech Communication	3 hours	R & W
Professional Communication	.5	SPCH 1315: Fundamentals of Public Speaking	3 hours	R & W
Contemporary Media	1	COMM 1307: Intro to Mass Communications	3 hour	R & W
Fine Arts				
Music History	1	MUSI 1306: Music Appreciation	3 hours	R
Theatre Arts I	1	DRAM 1310: Introduction to Theater Intro to Cinema	3 hours	R
Theatre Production I	1	DRAM 2366: Film Appreciation I	3 hours	R
Humanities (1st time taken)	1	HUMA 1315: Fine Arts Appreciation	3 hours	R
Art I, Art Appreciation	1	ARTS 1301: Art Appreciation	3 hours	R
Art I, Art Appreciation	.5	ARTS 1303: Survey of Art History Art History 1	3 hours	R
Art I, Art Appreciation	.5	ARTS 1304: Survey of Art History Art History 2	3 hours	R
History & Government				
@Economics	.5	ECON 2301: Principles of Macroeconomics	3 hours	R
@Economics Advanced Studies	.5	ECON 2302: Principles of Microeconomics	3 hours	R
@Government	.5	GOVT 2305: Federal Government	3 hours	R & W
@Special Topics in Social Studies	.5	GOVT 2306: Texas Government	3 hours	R & W
@US History A	.5	HIST 1301: History of the United States I	3 hours	R & W
@US History B	.5	HIST 1302: History of the United States II	3 hours	R & W
Sociology	.5	SOCI 1301: Introduction to Sociology	3 hours	R & W
Psychology	.5	PSYC 2301: General Psychology	3 hours	R
Social Studies Adv. Studies 1 st time taken	.5	PHIL 1301: Introduction to Philosophy	3 hours	R
Social Studies Adv. Studies 2 nd time taken	.5	PHIL 2306: Ethics	3 hours	R

LOTE				
@American Sign Language I	1	SGNL 1301: Beginning American Sign Language I	3 hours	R
@American Sign Language II	1	SGNL 1302: Beginning American Sign Language II	3 hours	R High School ASL 1 or SGNL 1301
@American Sign Language III	1	SGNL 2301: Intermediate American Sign Language I	3 hours	R High School ASL 2 or SGNL 1302
@Spanish I	1	SPAN 1411: Beginning Spanish I	4 hours	R
@Spanish II	1	SPAN 1412: Beginning Spanish II	4 hours	R High School Spanish 1 or SPAN 1411
@Spanish III	1	SPAN 2311: Intermediate Spanish I	3 hours	R High School Spanish 2 or SPAN 1411
@Spanish IV	1	SPAN 2312: Intermediate Spanish II	3 hours	R SPAN 2311
@French I	1	FREN 1411: Beginning French I	4 hours	R
@French II	1	FREN 1412: Beginning French II	4 hours	R High School French 1 or FREN 1411
@French III	1	FREN 2311: Intermediate French I	3 hours	R High School French 2 or FREN 1412
@French IV	1	FREN 2312: Intermediate French II	3 hours	R FREN 2311
@Arabic I	1	ARAB 1411: Beginning Arabic I	3 hours	R
@Arabic II	1	ARAB 1412: Beginning Arabic II	3 hours	R High School Arabic 1 or ARAB 1411
@Arabic III	1	ARAB 2311: Intermediate Arabic I	3 hours	R High School Arabic 2 or ARAB 1412
@Arabic IV	1	ARAB 2312: Intermediate Arabic II	3 hours	R ARAB 2311
Math				
@Independent Study in Mathematics	.5	Math 1314: College Algebra *Pre-Calculus A	3 hours	M
@Independent Study in Mathematics	.5	Math 1316: Plane Trigonometry *Pre-Calculus B	3 hours	Math 1314
@Independent Study in Mathematics	.5	Math 1342 Introductory Statistics	3 hours	College Level Math Scores
@Independent Study in Mathematics	.5	Math 2412: Precalculus Math	4 hours	Math 1316
@Independent Study in Mathematics	.5	Math 2413: Calculus I	4 hours	Math 2412
@Independent Study in Mathematics	.5	Math 2414: Calculus II	4 hours	Math 2413
Independent Study in Math A	.5	Math 1350: Teaching Math in Elementary and Middle School I	3 hours	Math 1314
Accounting I	1	ACCT 2301: Principles of Accounting I	3 hours	Math Met on TSI
Accounting II	1	ACCT 2302: Principles of Accounting II	3 hours	ACCT 2301
Science				
@Scientific Research & Design	.5	BIOL 1406: Biology for Science Majors I w/lab	4 hours	R & W and TSI Math Met

@Scientific Research & Design	.5	BIOL 1407: Biology for Science Majors II w/ lab	4 hours	Biol 1406
@Scientific Research & Design	.5	BIOL 1408: Biology for Non-Science Majors I w/lab	4 hours	R & W
@Scientific Research & Design	.5	BIOL 1409: Biology for Non-Science Majors II w/lab	4 hours	R & W
@Scientific Research & Design	.5	BIOL 1411: General Botany	4 hours	R & W
@Scientific Research & Design	.5	BIOL 1322: Nutrition & Diet Therapy	3 hours	R
@Scientific Research & Design	.5	BIOL 2306: Environmental Biology	4 hours	R & W
@Scientific Research & Design	.5	CHEM 1405: Introduction to Chemistry I w/lab	4 hours	R
@Scientific Research & Design	.5	CHEM 1407: Introduction to Chemistry II w/lab	4 hours	R
@Scientific Research & Design	.5	CHEM 1411: General Chemistry I w/lab	4 hours	Math 1314
@Scientific Research & Design	.5	CHEM 1412: General Chemistry II w/lab	4 hours	CHEM 1411
@Scientific Research & Design	.5	PHYS 1401: College Physics I	4 hours	R & MATH 1314 & 1316 or MATH 2412
@Scientific Research & Design	.5	PHYS 1402: College Physics II	4 hours	PHYS 1401
@Scientific Research & Design	.5	PHYS 1405: Elementary Physics I	4 hours	R
@Scientific Research & Design	.5	PHYS 1407: Elementary Physics II	4 hours	R
@Scientific Research & Design	.5	PHYS 2425: University Physics I	4 hours	MATH 2413
@Scientific Research & Design	.5	PHYS 2426: University Physics II	4 hours	PHYS 2425 and Math 2414
@Scientific Research & Design	.5	GEOL 1401: Earth Science for Non-Science Majors I	4 hours	R
@Scientific Research & Design	.5	GEOL 1403: Physical Geology	4 hours	R
@Scientific Research & Design	.5	GEOL 1404: Historical Geology	4 hours	GEOL 1403
		Health		
Health	.5	PHED 1304: Personal/Community Health	3 hours	R
		Business & Technology		
Advertising and Sales Promotion	.5	MRKG 1311: Principles of Marketing	3 hours	R & W
Audio Video Production	1	RTVB 1305: Intro. to Television Technology	3 hours	R & W
Business Information Management I	1	BCIS 1405: Business Computer Application w/lab	4 hours	R
Principles of Business, Marketing and Finance	.5	BUSI 1301: Introduction to Business	3 hours	R & W
Money Matters	1	BUSI 1307: Personal Finance	3 hours	R
Business Law	1	BUSI 2301: Business Law	3 hours	R & W Recommended: High school coursework in U.S. history & government, or equivalent.

Touch System Data Entry	.5	POFT 1329: Beginning Keyboarding	3 hours	R & W
Web Technologies	.5	IMED 1316 Web Design I	4 hours	R & W
Principles of Information Technology	1	ITSC 1401: Intro to Computers		R & W
Computer Science I	1	COSC 1301: Intro to Computing	4 hours	R
Computer Science II	1	COSC 1436: Programming Fundamental I	4 hours	R
Computer Science III	1.	COSC 1437: Programming Fundamentals II	4 hours	R MATH 1314 & COSC 1436
Logistics Technology				
Principles of Transportation, Distribution and Logistics	1	LMGT 1319: Intro. to Business Logistics	3 hours	TSI R & W Scores on file
Distribution and Logistics	1	LMGT 1345: Economics of Transportation and Distribution	3 hours	TSI R & W Scores on file
Logistics, Planning and Management Systems	1	LMGT 1321: Intro to Materials Handling	3 hours	TSI R & W Scores on file
Introduction to Transportation Technology A	1	LGMT 1325: Warehouse and Distribution Center Management	3 hours	TSI R & W Scores on file
Energy and Power of Transportation Systems	1	LGMT 1393: Special Topics in Logistics and Materials Management	3 hours	
Transportation Systems Management	1	LGMT 1323: Domestic and International Transportation Management	3 hours	
Introduction to Transportation Technology B	1	LGMT 1341: Freight Loss and Damage Claims	3 hours	
CCNA Certification (Level 1)				
CISCO 1	.5	ITCC 1414: CCNA 1- Introduction to Networks	4 hours	
CISCO 2	.5	ITCC 1440 CCNA2: Route & Switch Essentials	4 hours	
CISCO 3	1	ITCC 2412 CCNA 3: Scaling Networks	4 hours	
CISCO 4	.1	ITCC 2413 CCNA 4: Connecting Networks	4 hours	
CCNP Certification (Level 2)				
				PreReq: CCNA 1
CISCO 5	1	ITCC 2454: CCNP R & S Route	4 hours	
CISCO 6	1	ITCC 2455: CCNP R & S Switch	4 hours	
CISCO 7	1	ITCC 2456: CCNP TSHOOT	4 hours	
CISCO Elective (CCNP) – Choose 1	.5	ITSC 1401: Intro to Computers or ITSC 1405: Intro to PC Operating Systems or ITSC 1407: UNIX Operating System I or ITSC 1409: Integrated Software Application I or ITSC 1425: Personal Computer Hardware or ITSW 1401: Intro to Word Processing or ITSW 1404: Intro to Spreadsheets or ITSW 1407: Intro to Database or ITSW 1410 Intro to Presentation Graphic Software	4 hours	

BROOKHAVEN COLLEGE CAREER & TECHNICAL EDUCATION DUAL CREDIT COURSES

All courses for Brookhaven College are taught at the college or online, unless specified otherwise.

		Construction Management	
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Construction Management II A	1	CNBT 2342 - Construction Management	3 hours	
Construction Management II B	1	CNBT 1311 - Construction Materials & Methods	3 hours	
Practicum in Construction Management A	1	CNBT 1302 - Mechanical, Plumbing & Electrical	3 hours	
Practicum in Construction Management B	1	CNBT 2310 - Commercial / Industrial Blueprint Reading	3 hours	
Medical Terminology	1	MDCA 1313 - Medical Terminology	3 hours	

Auto Tech

Grade: 12

Level: 3

Credit: 11

Prerequisite: None

Enrollment for this program is limited

Interested in a career as an automotive service technician? Begin your training through CISD's Dual-Credit Program with Brookhaven College. Today's automobiles are equipped with multiple computers and extensive electronics. Servicing vehicles equipped with active suspension, satellite guidance systems and computer controlled, multi-valve engines require highly specialized training. Brookhaven College's Automotive Technology Program is listed by the Texas higher Education Coordinating Board as a provider of "national excellence" in higher education. The program provides seven paths of training for a career in automotive service. <http://www.brookhavencollege.edu/instruction/automotive/> Typically the classes meet from 1:00-5:30 Monday through Thursday.

English and Debate

@AC English II

1200LY (1200 LA and LB)

Grade: 10

Level: 2

Credit: 1

Prerequisite: Committee Approval

The focus is on functional (TEKS based) academic reading, writing and basic communication skills. Enrollment in this course is predicated on an ARD committee decision.

@BASIC ENGLISH II

1200RY (1200 RA and RB)

Grade: 10

Level: 2

Credit: 1

Prerequisite: Committee Approval

This course focus is on TEKS-based writing, spelling, reading comprehension, reading fluency, types of literature and basic communication skills. Enrollment in this course is predicated on an ARD committee decision. All learners will participate and meet the passing standard on the English II STAAR EOC as part of their graduation requirement.

@ENGLISH II

1200Y (1200 A and B)

Grade: 10

Level: 2

Credit: 1

Prerequisite: English 1

Learners refine reading, writing, oral language and research skills through the integration of technology with literature, language, and composition with a focus on expository and persuasive modes. Communication skills and language studies build on those from English I as learners become consumers that are more adept and producers of 21st century literacies.

Learners will demonstrate proficiency in delivering clear verbal messages; choosing effective non-verbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. All learners will participate and meet the passing standard on the English II STAAR EOC as part of their graduation requirement. **What's Next? English III, AP Language and Composition, or IB English I**

@HONORS ENGLISH II

1211Y (1211 A and B)

Grade: 10 Level: 3 Credit: 1

Prerequisite: English 1

This course challenges learners to develop advanced skills in reading, composition, oral communication, and logical argument. The grammatical, mechanical, and syntactical language skills are taught within the meaningful context of the writing process. Learners will read and respond to a broad selection of literary and nonfiction works, and make meaningful connections to community and global issues. This course prepares learners to take all upper-level English courses.

Learners will demonstrate proficiency in delivering clear verbal messages; choosing effective non-verbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. All learners will participate and meet the passing standard on the English II STAAR EOC as part of their graduation requirement.

Learners may level down to English II at designated times during the school year per schedule change practice listed at the front section of this course guide.

What's Next? English III, AP Language and Composition, or IB English I

@G/T HONORS ENGLISH II

1521Y (1521 A and B)

Grade: 10 Level: 3 Credit: 1

G/T Identification required to register for this course.

Emphasis is placed on critical reading and writing over world literature; learners will read and analyze selected works from all genres. Learners will write for a variety of purposes and in a variety of modes; however, emphasis is placed on academic composition: literary style analysis of both fiction and non-fiction, and argumentation combined with some creative endeavors. Learners will study grammar with an emphasis on sentence structure and its role in improving writing skills. This program emphasizes a wide range and great depth of subject matter and places an emphasis on literary analysis and analytical writing.

Learners will demonstrate proficiency in delivering clear verbal messages; choosing effective non-verbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. All learners will participate and meet the passing standard on the English II STAAR EOC as part of their graduation requirement.

Learners may level down to English II at designated times during the school year per schedule change practice listed at the front section of this course guide.

What's Next? English III, AP Language and Composition, or IB English I

@AC English III

1300LY (1300 LA and LB)

Grade: 11 Level: 2 Credit: 1

Prerequisite: Committee Approval

The focus is on functional (TEKS based) academic reading, writing and basic communication skills. Enrollment in this course is predicated on an ARD committee decision.

@BASIC ENGLISH III

1300RY (1300 RA and RB)

Grade: 11 Level: 2 Credit: 1

Prerequisite: Committee Approval

This course focus is on TEKS-based writing, spelling, reading comprehension, reading fluency, types of literature and basic communication skills. Enrollment in this course is predicated on an ARD committee decision.

@ENGLISH III

1300Y (1300 A and B)

Grade: 11 Level: 2 Credit: 1

Prerequisite: English 1 & 2

Learners explore major authors and periods in literature through the close reading and study of both fiction and non-fiction texts. Learners expand their grammatical, mechanical, and syntactical language skills through the integration of written and oral discourse with a focus on persuasive, analytical, and research-based composition.

Learners will demonstrate proficiency in delivering clear verbal messages; choosing effective non-verbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

What's Next? English IV, English IV; Graphic Novels, AP Literature and Composition, or Dual Credit English IV

@AP Language and Composition (English III)

1311Y (1311 A and B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: There are no prerequisite courses for AP English Language and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

Recommended Prerequisite: *Successful completion of Honors English 2*

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.

Learners may level down to English III at designated times during the school year per schedule change practice listed at the front section of this course guide.

What's Next? English IV, English IV; Graphic Novels, AP Literature and Composition, or Dual Credit English IV

@AC English IV

1400LY (1400 LA and LB)

Grade: 12 Level: 2 Credit: 1

Prerequisite: Committee Approval

The focus is on functional (TEKS based) academic reading, writing and basic communication skills. Enrollment in this course is predicated on an ARD committee decision.

@BASIC ENGLISH IV

1400RY (1400 RA and RB)

Grade: 12 Level: 2 Credit: 1

Prerequisite: Committee Approval

This course focus is on TEKS-based writing, spelling, reading comprehension, reading fluency, types of literature and basic communication skills. Enrollment in this course is predicated on an ARD committee decision.

@ENGLISH IV

1400Y (1400 A and B)

Grade: 12 Level: 2 Credit: 1

Prerequisite: English 1, 2, and 3

Learners focus on understanding the development of the English language through studying the historical context and major themes across major literary periods and their relevance to today. Learners master their communication skills by demonstrating their ability to adjust for various purposes and audiences, whether in written, spoken and/or visual media. Learners continue to produce argumentation and analysis essays with a strong emphasis on mastering the use of research. Learners will demonstrate proficiency in delivering clear verbal messages; choosing effective non-verbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

@ENGLISH IV: A Graphic Novel Approach

1403Y (1403 A and B)

Grade: 12 Level: 2 Credit: 1

Prerequisite: English 1, 2, and 3

This course is designed to fulfill the requirements of a senior-level literature course primarily through sequential art, otherwise known as comics or graphic novels. The course includes the same skill set of analysis and communication as English IV, however some student products are focused on more visual analysis of new media, rather than a purely verbal/linguistic analysis. Graphic novels studied will range from contemporary stories of super heroes as well as modern reinterpretations such as Beowulf. Learners will work to master written/spoken/visual communication and literacy between the pages of not only comics, but also classic literature. Learners will demonstrate a proficiency in effective speaking, reading, listening, problem-solving abilities, and other skills relevant to conducting appropriate communication in a professional and/or social environment.

@AP Literature and Composition (English IV)

1411Y (1411 A and B)

Grade: 11 or 12 Level: 4 Credit: 1

Prerequisite: There are no prerequisite courses for AP English Literature and Composition. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

Recommended Prerequisite: *Successful completion of AP Language and Composition*

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

Learners may level down to English IV at designated times during the school year per schedule change practice listed at the front section of this course guide.

ENGLISH ELECTIVES

CREATIVE WRITING

1065Y (1065 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

First semester will include an in-depth study of the elements of poetry, nonfiction and fiction with an emphasis on style, point of view, figurative language, rhyme, meter, characterization, dialogue, and plot development. The learners will turn in a portfolio of their work at the end of the semester. Second semester will include an in-depth study of writing fiction, children's literature, film, and drama with an emphasis on style, character development, dialogue, and plot development. The learner will also work on writing for publication and contests, as well as the publication of the campus literary and art magazine, the *CLAM*.

DYSLEXIA SERVICES I

8597Y (8597 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

This course is designed to follow the CISD approved curriculum for learners with dyslexia. Instruction is strategy oriented and addresses graph phonemic knowledge, reading proficiency, fluency, comprehension, and spelling. This course includes language structure instruction that encompasses morphology, semantics, syntax, and pragmatics.

DYSLEXIA SERVICES II

8598Y (8598 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

This course is designed to follow the CISD approved curriculum for learners with dyslexia. Instruction is strategy oriented and addresses graph phonemic knowledge, reading proficiency, fluency, comprehension, and spelling. This course includes language structure instruction that encompasses morphology, semantics, syntax, and pragmatics.

SPEECH AND DEBATE

DEBATE I (Novice)

1630Y (1630 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: None

This class is designed for learners with no prior competitive speech or debate experience. The course prepares learners for tournament competition by focusing on research, writing, and speaking through more than 15 competitive events. The course also includes an introduction to philosophy and government. Coppell Speech & Debate competes on all levels in Policy Debate, Lincoln Douglas Debate, World Schools Debate, Congressional Debate, Public Forum Debate, Original Oratory, Oral Interpretation, and Extemporaneous Speaking. Fees are required for tournament participation.

COMPETITIVE DEBATE

DEBATE II - Policy Debate

1632Y (1632 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: Debate I & Instructor Approval

This class is designed for learners with prior competitive experience in CX/Policy Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 3 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE III - Policy Debate

1633Y (1633 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: Debate II & Instructor Approval

This class is designed for learners with prior competitive experience in CX/Policy Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 4 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE IV - Policy Debate

1634Y (1634 A and B)

Grade: 10-12 **Level: 4** **Credit: 0.5-1**

Prerequisite: Debate III & Instructor Approval

This class is designed for learners with prior competitive experience in CX/PolicyDebate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 4 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE II - Public Forum

1636Y (1636 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: Debate I, Instructor Approval

This class is designed for learners with prior competitive experience in Public Forum Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE III - Public Forum

1637Y (1637 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: Debate II, Instructor Approval

This class is designed for learners with prior competitive experience in Public Forum Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE IV - Public Forum

1638Y (1638 A and B)

Grade: 10-12 **Level: 4** **Credit: 0.5-1**

Prerequisite: Debate III, Instructor Approval

This class is designed for learners with prior competitive experience in Public Forum Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE II – World Schools

1642 Y (1642 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: Debate I, Instructor Approval

This class is designed for learners with prior competitive experience in World Schools Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE III – World Schools

1643Y (1643 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: Debate II, Instructor Approval

This class is designed for learners with prior competitive experience in World Schools Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE IV – World Schools

1644Y (1644 A and B)

Grade: 10-12 **Level: 4** **Credit: 0.5-1**

Prerequisite: Debate III, Instructor Approval

This class is designed for learners with prior competitive experience in World Schools Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE II - Lincoln Douglas

1639Y (1639 A and B)

Grade: 10-12 **Level: 3** **Credit: 0.5-1**

Prerequisite: Debate I, Instructor Approval

This class is designed for learners with prior competitive experience in Lincoln Douglas Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE III - Lincoln Douglas

1640Y (1640 A and B)

Grade: 10-12 Level: 3 Credit 0.5-1

Prerequisite: Debate II, Instructor Approval

This class is designed for learners with prior competitive experience in Lincoln Douglas Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE IV - Lincoln Douglas

1641Y (1641 A and B)

Grade: 10-12 Level: 4 Credit: 0.5-1

Prerequisite: Debate III, Instructor Approval

This class is designed for learners with prior competitive experience in Lincoln Douglas Debate. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE II – Competitive Speaking

1648Y (1648 A and B)

Grade: 10-12 Level: 3 Credit: 0.5-1

Prerequisite: Debate I, Instructor Approval

This class is designed for learners with prior competitive experience in Congressional Debate and/or Extemporaneous Speaking. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE III – Competitive Speaking

1649Y (1649 A and B)

Grade: 10-12 Level: 3 Credit: 0.5-1

Prerequisite: Debate II, Instructor Approval

This class is designed for learners with prior competitive experience in Congressional Debate and/or Extemporaneous Speaking. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

DEBATE IV – Competitive Speaking

1650Y (1650 A and B)

Grade: 10-12 Level: 4 Credit: 0.5-1

Prerequisite: Debate III, Instructor Approval

This class is designed for learners with prior competitive experience in Congressional Debate and/or Extemporaneous Speaking. Learners will focus on further development of research, writing, and speaking skills in preparation for tournament competition. Learners are expected to participate in tournaments throughout the year. Summer camp experience of 2 weeks or more is strongly recommended. Fees are required for tournament participation.

ORAL INTERPRETATION I (Competitive Acting)

1601Y (1601 A and B)

Grade: 10-12 Level: 2 Credit: 0.5-1

Prerequisite: None

This course does not meet the Fine Arts requirement for Graduation. Learners study oral reading and performance of literary texts, including poetry, plays, novels, and short stories. Skills addressed are selection, adaptation, interpretation and performance of material. The class focuses on competitive speech events: prose and poetry interpretation, humorous and dramatic monologue, duet acting, duo interpretation, program of oral interpretation (POI), and original oratory. Learners are expected to participate in tournaments throughout the year. Fees may be required for tournament participation.

ORAL INTERPRETATION II (Competitive Acting)

1602Y (1602 A and B)

Grade: 10-12 Level: 2 Credit: 0.5-1

Prerequisite: Oral Interpretation I, Instructor Approval

This course does not meet the Fine Arts requirement for Graduation. Learners study oral reading and performance of literary texts, including poetry, plays, novels, and short stories. Skills addressed are selection, adaptation, interpretation and performance of material. The class focuses on competitive speech events: prose and poetry interpretation, humorous and dramatic monologue, duet acting, duo interpretation, program of oral interpretation (POI), and original oratory. Learners are expected to participate in tournaments throughout the year. Fees may be required for tournament participation.

ORAL INTERPRETATION III (Competitive Acting)

1603Y (1603 A and B)

Grade: 10-12 Level: 2 Credit: 0.5-1

Prerequisite: Oral Interpretation II, Instructor Approval

This course does not meet the Fine Arts requirement for Graduation. Learners study oral reading and performance of literary texts, including poetry, plays, novels, and short stories. Skills addressed are selection, adaptation, interpretation and performance of material. The class focuses on competitive speech events: prose and poetry interpretation, humorous and dramatic monologue, duet acting, duo interpretation, program of oral interpretation (POI), and original oratory. Learners are expected to participate in tournaments throughout the year. Fees may be required for tournament participation.

ESL COURSE PLACEMENT BY ORAL PROFICIENCY

ENGLISH LANGUAGE DEVELOPMENT ACQUISITION

8710Y (8710 A and B) - ELDA I

8711Y (8711 A and B) - ELDA II

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Recommended CoRequisite Eng II, Eng III, or Eng IV ESL

English Language Development and Acquisition (ELDA) is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs in compliance with federal requirements.

READING I FOR NEWCOMER ESL

8701Y (8701 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Must be LPAC recommended

This course is reading based focusing on equipping learners with the skills and strategies necessary to comprehend independently a wide range of texts. Vocabulary and word recognition skills will be integrated as well as writing, listening, and speaking skills.

READING II FOR ESL

8702Y (8702 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Must be LPAC recommended

This course is reading based focusing on equipping learners with the skills and strategies necessary to comprehend independently a wide range of texts. Vocabulary and word recognition skills will be integrated as well as writing, listening, and speaking skills. Curriculum supports English II Skills, reflecting differences in pacing and materials.

READING III FOR ESL

8703Y (8703 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Must be LPAC recommended

This course is reading based focusing on equipping learners with the skills and strategies necessary to comprehend independently a wide range of texts. Vocabulary and word recognition skills will be integrated as well as writing, listening, and speaking skills. Curriculum supports English III skills, reflecting differences in pacing and materials.

ESL COURSE PLACEMENT BY GRADE LEVEL

@ENGLISH II FOR ESL

1210Y (1210 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Must be LPAC recommended

This course is literature based, focusing on comprehension and analysis of a variety of texts. Skills in comprehension, inference, interpretation, main idea, sequence, context clues, and analysis are emphasized. This course assists with reading comprehension and oral fluency through the use of modeling. Writing, listening, and speaking skills are emphasized particularly in response to literature. Curriculum is aligned with English II, reflecting differences in pacing and materials.

MATHEMATICS

Learners are encouraged to purchase their own graphing calculator (Casio FX-CG10 or Casio FX-CG50 Graphing Calculator). This will enable learners to utilize these calculators for homework, projects, and to become familiar with their own calculator. In addition, they will need to use graphing calculators on college entrance examinations during high school.

@ALGEBRA I

2100Y (2100 A and B)

Grade: 10 Level: 2 Credit: 1

Prerequisite: Grade 8 Mathematics

Learners will study concepts such as variables, constants, expressions, and equations and will establish a connection between symbolic language and real world applications. Learners will analyze situations verbally, numerically, graphically, and symbolically. Major topics include: linear functions, equations, and inequalities, quadratic functions and equations, exponential functions and equations, and number and algebraic methods. Learners will also use a variety of representations, tools, and technology to model mathematical situations and solve meaningful problems. All learners will participate and meet the passing standard on the Algebra I STAAR EOC as part of their graduation requirement.

There is no level-down option for this course.

What's next? Math Models, Geometry, Honors Geometry

@BASIC MATH MODELS WITH APPLICATIONS

2251RY (2251 RA and RB)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

This course focus is on the use of algebraic and geometrical skills to solve real life problems. Enrollment in this course is predicated by an ARD Committee decision.

@MATHEMATICAL MODELS WITH APPLICATIONS

2251Y (2251 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Algebra I

In this course learners use mathematical models from algebra, geometry, probability and statistics to solve real-life applied problems involving money, data, chance, patterns, music, design, and science.

Learners who have not successfully met the standard for passing the Algebra I EOC will be required to take this course concurrently with Geometry.

There is no level-down option for this course.

What is next? Geometry or Algebra II

@AC Math Models

2251LY (2251 LA and LB)

Grades: 11-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

This course focus is on functionally using algebraic and geometrical skills to solve everyday problems. Enrollment in this course is predicated by an ARD Committee decision.

@AC Geometry

2200LY (2200 LA and LB)

Grades: 10-11 Level: 2 Credit: 1

Prerequisite: Committee Approval

This course focus is on functional (TEKS based) geometric skills and the real world use of geometric ideas. Enrollment in this course is predicated by an ARD Committee decision.

@BASIC GEOMETRY

2200RY (2200 RA and RB)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

This course focus is TEKS-based on using spatial reasoning and geometric thinking to understand geometrical figures and the relationships among them. Enrollment in this course is predicated by an ARD Committee decision.

@GEOMETRY

2200Y (2200 A and B)

Grade: 10-11 **Level: 2** **Credit: 1**

Prerequisite: Algebra I

Geometry consists of the study of geometric figures and the relationships among them. Learners use spatial reasoning and geometric thinking to understand mathematical concepts, study properties and relationships having to do with size, shape, location, direction, and orientation of these figures, study the connection between geometry and the real world and use geometric ideas, relationships, and properties to solve problems. Learners use a variety of tools, including technology, to solve meaningful problems by representing and transforming figures, and analyzing and proving relationships.

There is no level-down option for this course.

What is next? Algebra II, Honors Algebra II, or Mathematical Models with Applications

@HONORS GEOMETRY

2221Y (2221 A and B)

Grade: 10 **Level: 3** **Credit: 1**

Prerequisite: Algebra I

Learners enrolled in this course will experience active, high-level learning through which they develop the skills, habits of mind, and concepts needed to succeed in future advanced math courses. Geometry consists of the study of geometric figures and the relationships among them. Learners use spatial reasoning and geometric thinking to understand mathematical concepts, study properties and relationships having to do with size, shape, location, direction, and orientation of these figures, study the connection between geometry and the real world and use geometric ideas, relationships, and properties to solve problems. Learners use a variety of tools, including technology, to solve meaningful problems by representing and transforming figures, and analyzing and proving relationships.

Learners may level-down to Geometry at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? Algebra II, Honors Algebra II, Mathematical Models with Applications

@AC Algebra II

2300LY (2300 LA and LB)

Grades: 11-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

This course focus is on functionally using algebraic and geometrical skills to solve everyday problems. Enrollment in this course is predicated by an ARD Committee decision.

@BASIC ALGEBRA II

2300RY (2300 RA and RB)

Grade: 12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

This course focus is TEKS-based use of a variety of representations to solve meaningful problems involving equations.

Enrollment in this course is predicated by an ARD Committee decision.

@ALGEBRA II

2300Y (2300 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Algebra I, Geometry

This course expands on the topics covered in Algebra I and Geometry, providing further development of the concept of a function. Major topics include: attributes of functions and their inverses, systems of equations and inequalities, quadratic and square root functions, equations, and inequalities, exponential and logarithmic functions and equations, cubic, cube root, absolute value and rational functions, equations, and inequalities, and number and algebraic methods. Learners will use a variety of representations, tools, and technology to model mathematical situations and solve meaningful problems.

There is no level-down option for this course.

What is next? Advanced Quantitative Reasoning (AQR), Pre-Calculus, Statistics and Business Decision Making or AP Statistics, Dual Credit-College Algebra / Plane Trigonometry

@HONORS ALGEBRA II

2331Y (2331 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: Algebra I, Geometry

Learners enrolled in this course will experience active, high-level learning through which they develop the skills, habits of mind, and concepts needed to succeed in future advanced math courses. This course expands on the topics covered in Algebra I and Geometry, providing further development of the concept of a function. Major topics include: attributes of functions and their inverses, systems of equations and inequalities, quadratic and square root functions, equations, and inequalities, exponential and logarithmic functions and equations, cubic, cube root, absolute value and rational functions, equations, and inequalities, and number and algebraic methods. Learners will use a variety of representations, tools, and technology to model mathematical situations and solve meaningful problems.

Learners may level-down to Algebra II at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? Advanced Quantitative Reasoning (AQR), Pre-Calculus, Honors Pre-Calculus, AP Statistics, or Statistics and Business Decision Making, Dual Credit-College Algebra / Plane Trigonometry

@G/T HONORS ALGEBRA II

2341Y (2341 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Algebra I, Geometry, G/T Identification

In addition to the strands and topics as defined in Honors Algebra II, this course addresses the varied learning styles and unique needs of the gifted and talented mathematics learners.

Learners may level-down to Algebra II at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? Advanced Quantitative Reasoning (AQR), Pre-Calculus, Honors Pre-Calculus, AP Statistics, or Statistics and Business Decision Making, Dual Credit-College Algebra / Plane Trigonometry

@PRE-CALCULUS: PREPARATION FOR CALCULUS

2400Y (2400 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Algebra I, Geometry, Algebra II

This course involves the study of the six trigonometric functions and their inverses, graphs, analytic geometry, and discrete mathematics. Heavy emphasis is placed on the study of polynomial, rational, and logarithmic functions. Additional units of study include conics and sequences and series. Learners will use a variety of representations (graphical, symbolic, verbal, and numerical) to model functions and equations and to solve real-life problems.

There is no level-down option for this course.

What is next? AP Calculus AB or AP Calculus BC, AP Statistics, or Statistics and Business Decision Making

@HONORS PRE-CALCULUS: PREPARATION FOR CALCULUS

2441Y (2441 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Algebra I, Geometry, Algebra II

Learners enrolled in this course will experience active, high-level learning through which they develop the skills, habits of mind, and concepts needed to succeed in future advanced math courses. This course involves the study of the six trigonometric functions and their inverses, graphs, analytic geometry, and discrete mathematics. Heavy emphasis is placed on the study of polynomial, rational, and logarithmic functions. Additional units of study include conics, sequences, and series. Learners will use a variety of representations (graphical, symbolic, verbal, and numerical) to model functions and equations and to solve real-life problems.

Learners may level-down to PreCalculus: Preparation for Calculus at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? AP Calculus AB or AP Calculus BC, AP Statistics, or Statistics and Business Decision Making

@ STATISTICS AND BUSINESS DECISION MAKING

2452Y (2452 A and B)

Grades: 11-12 Level: 2 Credit: 1

Prerequisite: Algebra II

Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

This course is highly recommended for many Career and Technical Education (CTE) Pathways.

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

@AP STATISTICS

2450Y (2450 A and B)

Grade: 10-12 Level: 4 Credit: 1

Prerequisite: Algebra I, Geometry, Algebra II

Statistics should not be used as a replacement for Pre-calculus but as an additional course

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Learners may level down to Statistics and Business Decision making at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? Pre-Calculus, Honors Pre-Calculus, AP Calculus AB or AP Calculus BC, Dual Credit-College Algebra/ Plane Trigonometry

@AP CALCULUS AB

2500Y (2500 A and B)

Grade: 10-12 **Level: 4** **Credit: 1**
Prerequisite: Algebra I, Geometry, Algebra II, PreCalculus

This course cannot be taken after AP Calculus BC.

This full year AP Calculus AB course is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Reading requirements include text written on the college level.

There is no level-down option for this course.

What is next? AP Calculus BC, Statistics and Business Decision Making, AP Statistics, Advanced Quantitative Reasoning

@AP CALCULUS BC

2501Y (2501 A and B)

Grade: 10-12 **Level: 4** **Credit: 1**

Prerequisite: Algebra I, Geometry, Algebra II, PreCalculus or AP Calculus AB

This course cannot be taken before or concurrently with AP Calculus AB.

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses. It extends the content learned in AB to different types of equations (polar, parametric, vector-valued) and new topics (such as Euler's method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Reading requirements include text written on the college level. **Learners may level-down to AP Calculus AB at designated times during the school year per schedule change practice listed at the front section of this course guide.**

SCIENCE

The recommended sequence of science courses:

- Biology
- Chemistry
- Physics

@AC BIOLOGY

3100LY (3100 LA and LB)

Grade: 10 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

The focus is on basic biology concepts including cell functions, genetics, and classification of life forms including body systems. Enrollment in this course is predicated on an ARD committee decision.

@BASIC BIOLOGY

3100RY (3100 RA and RB)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

The focus is on basic biology concepts including cell functions, genetics, and classification of life forms including body systems. Enrollment in this course is predicated on an ARD committee decision.

@BIOLOGY

3100Y (3100 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

Biology is the study of life. Learners will study what living organisms are and how they interact within their environments. The course of study includes biochemistry, genetics, heredity, evolution, taxonomy, and ecology. Through the study of biology, learners will design scientific investigations, apply problem-solving strategies, and make informed decisions concerning biological issues

What is next? Chemistry or Honors Chemistry

@AP BIOLOGY

3121Y (3121 A and B)

Grade: 10-12 Level: 4 Credit: 1

Prerequisite: Biology, Chemistry

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

LABORATORY REQUIREMENT This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

There is no level-down option for this course.

@AC CHEMISTRY

3311LY (3311 LA and LB)

Grade: 10-11 Level: 2 Credit: 1

Prerequisite: Committee Approval

The focus is on a lab approach to the study of matter including properties of elements, identifying trends on the periodic table and chemical reactions. Enrollment in this course is predicated on an ARD committee decision.

@BASIC CHEMISTRY

3311RY (3311 RA and RB)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

This course focuses on basic Chemistry concepts like matter, elements, periodic table, bonding and reactions. Enrollment in this course is predicated on an ARD committee decision.

@CHEMISTRY

3311Y (3311 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Algebra I and Biology

The course is designed to provide a lab approach to the study of matter with an emphasis on problem solving and mathematical applications. Learners study a variety of topics that include characteristics of matter, chemical bonding, stoichiometry, gas laws, solutions, thermochemistry and nuclear chemistry. This course is typically taken in 10th grade.

What is next? Physics, Honors, or AP Physics or a 4th year science course if have already completed courses in Biology and Physics

@HONORS CHEMISTRY

3321Y (3321 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Algebra I and Biology

This course is designed to provide the advanced science learner with an enriched and expanded chemistry curriculum utilizing Honors strategies in preparation for enrollment in AP or IB Chemistry. Emphasis is on mathematical applications, lab techniques, and critical thinking. Learners need to enter the class with a strong math foundation. The rigor and pace of this course is elevated so that topics (characteristics of matter, chemical bonding, stoichiometry, gas laws, solutions, thermochemistry and nuclear chemistry) are covered at greater depth and pace than Chemistry. Honors strategies emphasizing critical thinking and advanced lab skills are utilized in order to prepare learners for future AP and IB science courses. This course is typically taken in 10th grade.

Learners may level down to Chemistry at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? Physics, Honors or AP Physics, or AP Chemistry, IB Chemistry, AP Biology or a 4th year science course if have already completed courses in Biology and Physics

@G/T HONORS CHEMISTRY

3322Y (3322 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Algebra I and Biology

G/T identification required to register for this course.

This course is designed to provide the advanced science learner with an enriched and expanded chemistry curriculum utilizing Honors strategies in preparation for enrollment in AP or IB Chemistry. Emphasis is on mathematical applications, lab techniques, and critical thinking. Honors strategies emphasizing critical thinking and advanced lab skills as well as appropriate differentiation for gifted learners will be utilized in order to prepare learners for future AP, IB, and G/T science courses. This course is typically taken in 10th grade.

Learners may level down to Chemistry at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? Physics, Honors or AP Physics or AP Chemistry, IB Chemistry, AP Biology or a 4th year science course if have already completed courses in Biology and Physics

@AP CHEMISTRY

3331Y (3331 A and B)

Grade: 11-12 **Level: 4** **Credit: 1**

Prerequisite: Chemistry & Algebra 2

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

LABORATORY REQUIREMENT This course requires that 25 percent of instructional time engages students in lab investigations. This includes a minimum of 16 hands-on labs (at least six of which are inquiry-based). It is recommended that students keep a lab notebook throughout

There is no level-down option for this course.

@AC PHYSICS

3411LY (3411 LA and LB)

Grade: 10-11 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

The focus is on forms of energy including light, sound, motion and simple machines. Enrollment in this course is predicated on an ARD committee decision.

@BASIC PHYSICS

3411RY (3411 RA and RB)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

This course focuses on the basic Physics concepts of various forms of energy and motion. Enrollment in this course is predicated on an ARD committee decision.

@PHYSICS

3411Y (3411 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Algebra I

The focus of physics is on critical thinking with some mathematical problem solving at the algebra level. Equations are used as guides to thinking. Topics of study include force, motion, waves, energy, electricity, magnetism and modern physics. This course is typically taken in 11th grade.

What is next? 4th year science course if learner has already completed courses in Biology and Chemistry

@HONORS PHYSICS

3414Y (3414 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: Algebra I

The focus of physics is on critical thinking and mathematical problem solving. Equations are used as guides to thinking. Topics of study include force, motion, waves, energy, electricity, magnetism and modern physics. Honors strategies are utilized to prepare learners for future enrollment in AP and IB science courses. This course is typically taken in 11th grade.

Learners may level down to Physics at designated times during the school year per schedule change practice listed at the front section of this course guide. What is next? 4th year science course if learner has already completed courses in Biology and Chemistry

@AP PHYSICS I: ALGEBRA BASED

3430Y (3430 A and B)

Grade: 10-12 **Level: 4** **Credit: 1**

Prerequisite: Algebra 1, Geometry, and Algebra 2

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. **LABORATORY REQUIREMENT** This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices.

Learners may level down to Honors Physics or Physics at designated times during the school year per schedule change practice listed at the front section of this course guide.

What is next? AP Physics II, AP Physics C, AP Biology, or AP Chemistry

@AP PHYSICS II ALGEBRA BASED

3433Y (3433 A and B)

Grade: 10-12 **Level: 4** **Credit: 1**

Prerequisite as per College Board: AP Physics I or a comparable Physics introductory course

Recommended Completion/Co-Requisite as per College Board: Pre-Calculus

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

LABORATORY REQUIREMENT This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate foundational physics principles and apply the science practices.

There is no level-down option for this course.

@AP PHYSICS C: MECHANICS & ELECTRICITY AND MAGNETISM

3431Y (3431 A and B)

Grade: 10-12 Level: 4 Credit: 2

Prerequisite: Concurrent enrollment in Calculus

Mechanics

First Semester Course

AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.

There is no level-down option for this course.

Electricity and Magnetism

Second Semester Course

AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course

There is no level-down option for this course.

ADDITIONAL SCIENCE COURSES

@AQUATIC SCIENCE

3501Y (3501 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Biology and completion or concurrent enrollment in chemistry

This lab/project oriented course focuses on the physical and biological characteristics of the earth's freshwater and marine ecosystems. Field studies and field trips are conducted to enhance the Aquatic Science curriculum. Topics include the properties of water, water's effect on climate, how water shapes the earth, aquatic ecosystems, environmental issues related to freshwater systems and oceans, technology used in aquatic field studies, and organism adaptations to aquatic ecosystems. Learners will construct, maintain and monitor aquatic ecosystems including an aquarium.

@HONORS ANATOMY AND PHYSIOLOGY

TSDS PEIMS Code: 13020600 (ANATPHYS)

3820Y (3820A and B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology and a second science credit

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program and is a course in the Health Science Program of Study.

Learners in Anatomy and Physiology of Human Systems study the structures and functions of the human body systems and learn how to maintain health and wellness. This course includes at least 40% laboratory investigation using scientific inquiry and dissections.

@AP ENVIRONMENTAL SCIENCE

3502Y (3502 A and B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: Two years of laboratory science - one year of life science and one year of physical science (Biology and Chemistry or Physics), Algebra 1

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

There is no level down option for this course.

@AC EARTH AND SPACE SCIENCE

3504LY (3504 LA and LB)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

The focus is on hands on approach introducing learners to the physical world around them. Concepts include the earth as part of the solar system, the solid properties of earth including rocks and minerals, the fluid properties of earth including the oceans and management of the earth including the oceans and management of the earth's resources as they relate to the 21st century.

@BASIC EARTH AND SPACE SCIENCE

3504RY (3504 RA and RB)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

The focus is on hands approach introducing learners to the physical world around them. Concepts include the earth as part of the solar system, the solid properties of earth including rocks and minerals, the fluid properties of earth including the oceans and management of the earth including the oceans and management of the earth's resources as they relate to the 21st century. Enrollment in this course is predicated on an ARD committee decision.

HONORS EARTH AND SPACE SCIENCE (ESS)

3504Y (3504 A and VB)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology, Chemistry, Geometry

Recommended Completion/Co-Requisite: Physics

This two-semester capstone course builds on prior scientific knowledge and skills to provide learners with an understanding of the Earth's place in space and time through hands-on learning, the use of technology, and collaborative projects while creating content and sharing knowledge. Self-pacing and choice in topics, including a long-term sustainable development goals initiative, where relevant, real-world problems and their solutions will be investigated will be emphasized.

There is no level-down option for this course.

@FORENSIC SCIENCE

TSDS PEIMS Code: 13029500 (FORENSCI)

3807Y (3807 A and B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Biology and Chemistry

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

This is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide. Learners will learn terminology and investigative procedures related to crime scene, truth detection, and scientific procedures used to solve crimes. Using scientific methods, learners will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Learners will learn the legal aspects and career options for forensic science.

HONORS ASTRONOMY

3512Y (3512 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Biology, Chemistry, Geometry

Recommended Completion/Co-Requisite: Physics

This two-semester capstone course builds on prior scientific knowledge and skills to provide learners with an understanding of Earth's place in space and time. Through hands-on learning, the use of technology (including computer-based Starry Night software), and collaborative projects, learners will gain an understanding of objects in the sky such as the Sun and Moon, the planets of the solar system, the stars, and other galaxies. Learners will be required to meet at the high school periodically for observations of the night sky using telescopes.

There is no level-down option for this course.

PATHOPHYSIOLOGY

7416Y (7416 A and B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Biology and Chemistry

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology 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.

SOCIAL STUDIES

@AC WORLD GEOGRAPHY

4100LY (4100 LA and LB)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

Learners focus on identifying basic geographical terms, customs of different cultures and basic map skills. Enrollment in this course is predicated on an ARD committee decision.

@BASIC WORLD GEOGRAPHY STUDIES

4100RY (4100 RA and RB)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

Learners focus on identifying basic geographical terms, customs of different cultures and basic map skills. Enrollment in this course is predicated on an ARD committee decision.

@WORLD GEOGRAPHY STUDIES

4100Y (4100 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

Learners examine a variety of sources to develop and demonstrate an understanding of the fundamentals of world patterns, including cultural, political, historical, and economic characteristics.

What's Next? World History

@AC WORLD HISTORY

4200LY (4200 LA and LB)

Grade: 9-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

Learners focus on historical, cultural, economic trends of the world. Enrollment in this course is predicated on an ARD committee decision.

@BASIC WORLD HISTORY STUDIES

4200RY (4200 RA and RB)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Committee Approval

Learners focus on historical, cultural, economic trends of the world. Enrollment in this course is predicated on an ARD committee decision.

@WORLD HISTORY STUDIES

4200Y (4200 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

World History Studies 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.

What's Next? US History

@AP WORLD HISTORY STUDIES

4231Y (4231 A and B)

Grade: 10-12 **Level: 4** **Credit: 1**

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

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 8000 B.C.E. to the present to fulfill state World History course requirements. An emphasis from 1200 C.E. to the present will be included to fulfill AP World History 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.

Learners may level down to World History Studies at designated times during the school year per schedule change practice listed at the front section of this course guide.

What's Next? AP US History

@AC US HISTORY

4300LY (4300 LA and LB)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

Learners focus on the major individual events that shaped U.S. History. Enrollment in this course is predicated on an ARD committee decision.

@BASIC U.S. HISTORY STUDIES SINCE RECONSTRUCTION

4300RY (4300 RA and RB)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Committee Approval

Learners focus on the major individual events that shaped U.S. History. Enrollment in this course is predicated on an ARD committee decision.

@U.S. HISTORY STUDIES SINCE RECONSTRUCTION

4300Y (4300 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Learners examine a variety of sources to develop and demonstrate an understanding of the political, economic and social events and issues related to the history of the United States since Reconstruction to the present. This course must be attempted by the end of learner's 3rd year in high school. All learners will participate and meet the passing standard on the US History STAAR EOC as part of their graduation requirement.

What's Next? Government/Economics

@AP UNITED STATES HISTORY

4311Y (4311 A and B)

Grade: 10-12 Level: 4 Credit: 1

Prerequisite: There are no prerequisites for AP United States History.. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the 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.ers will participate and meet the passing standard on the US History STAAR EOC as part of their graduation requirement.

Learners may level down to US History Studies Since Reconstruction at designated times during the school year per schedule change practice listed at the front section of this course guide.

What's Next? AP Government/ AP Macroeconomics

@GOVERNMENT/ECONOMICS

4490Y (4400/410)

Grade: 11-12 Level: 2 Credit: 0.5-1.0

Prerequisite: None

@AC GOVERNMENT

4400L

Grade: 11-12 Level: 2 Credit: 0.5

Prerequisite: Committee Approval

Learners focus on basic government systems as well as the rights and responsibilities of U.S. citizenship. Enrollment in this course is predicated on an ARD committee decision.

@BASIC GOVERNMENT

4400R

Grade: 11-12 Level: 2 Credit: 0.5

Prerequisite: Committee Approval

Learners focus on basic government systems as well as the rights and responsibilities of U.S. citizenship. Enrollment in this course is predicated on an ARD committee decision.

@GOVERNMENT

4400

Grade: 11-12 Level: 2 Credit: 0.5

Prerequisite: None

This course provides opportunities for learners to study basic principles of government including; the foundations of government, political philosophy, the U.S. Constitution, the federalist system, the three branches of government, political process, and political process for securing liberty for the people by the people.

@AP U.S. GOVERNMENT/AP MACROECONOMICS

4499Y (4440/4450)

Grade: 11-12 Level: 4 Credit: 0.5-1.0

Prerequisite: There are no prerequisites for AP US Government or AP Macroeconomics.. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Average pass rule does not apply

For each course, learners may level down to Government or Economics at designated times during the school year per schedule change practice listed at the front section of this course guide.

@AP US GOVERNMENT

4440

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

@AP MACROECONOMICS

4450

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.

@AC ECONOMICS

4410L

Grade: 11-12 Level: 2 Credit: 0.5

Prerequisite: Committee Approval

Learners focus on consumer economics. Enrollment in this course is predicated on an ARD committee decision.

@BASIC ECONOMICS - FREE ENTERPRISE

4410R

Grade: 11-12 Level: 2 Credit: 0.5

Prerequisite: Committee Approval

Learners focus on consumer economics. Enrollment in this course is predicated on an ARD committee decision.

@ECONOMICS - FREE ENTERPRISE

4410

Grade: 11-12 Level: 2 Credit: 0.5

Learners will focus on economics with an emphasis on the free enterprise system and its benefits, developing and demonstrating their understanding of the principles of the U.S. economic system in comparison to other economic systems.

SOCIAL STUDIES ELECTIVES

@AP COMPARATIVE GOVERNMENT

4445

Grade: 11-12 Level: 4 Credit: 0.5

Recommended Prerequisite: Previous AP Government

This course does not replace the required graduation requirement for Government

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 the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

There is no level-down option for this course.

@AP EUROPEAN HISTORY

4375Y (4375 A and B)

Grade: 11-12 Level: 4 Credit: 0.5

Recommended Prerequisite: Previous AP Social Studies Course

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.

There is no level-down option for this course.

@AP MICROECONOMICS

4455

Grade: 11-12 Level: 4 Credit: 0.5

Recommended Prerequisite: Previous AP Macro

This course does not replace the required graduation requirement for Economics

AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. **There is no level-down option for this course.**

@AP PSYCHOLOGY/SOCIAL STUDIES RESEARCH METHODS

Average pass rule does not apply

4550Y (4550 A and B)

Grade: 10-12 Level: 4(First Semester) Level: 3 (Second Semester)

Credit: 0.5 credit for AP Psychology and 0.5 credit for Social Studies Research Methods

Recommended Prerequisite: None

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.

Learners may level down to Psychology at the end of the six weeks. There is no level down option for second semester.

PSYCHOLOGY/SOCIOLOGY

Average pass rule does not apply.

4599Y (4510, 4520)

Grade: 10-12 Level: 2 Credit: 0.5-1.0

Prerequisite: None

PSYCHOLOGY

Learners will develop and demonstrate their understanding of human behavior dynamics, group processes, and individual differences.

SOCIOLOGY

Learners will develop an understanding of fundamental characteristics of social groups and analyze how they function in society. They will also demonstrate their understanding of topical issues including crime, delinquency, racism, gender and family dynamics.

PERSONAL FINANCIAL LITERACY

4560

Grade: 10-12 Level: 2 Credit: 0.5

Prerequisite: None

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. Students will 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 post-secondary education and training.

LANGUAGES OTHER THAN ENGLISH (LOTE)

@HONORS FRENCH I

6113Y (6113 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: None

The content of the course concentrates on speaking and understanding simple non-technical sentences, and writing and reading with an emphasis on simple grammar patterns and topical vocabulary in the language. Basic cultural customs and differences will be introduced. Beginner oral proficiency level.

What's Next? Honors French II

There is no level-down option for this course.

@HONORS FRENCH II

6123Y (6123 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: French I

This honors course is designed to prepare learners for Advanced Placement (AP) or IB language courses. The content will be instructed with additional emphasis placed on the development of critical-thinking skills. This course is designed for learners with advanced language skills who desire a more in-depth curriculum with stronger emphasis on oral proficiency and language skills for their level of study.

What's Next? Honors French III

There is no level-down option for this course.

@HONORS FRENCH III

6133Y (6133 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: French II

This honors course is designed to prepare learners for entry into AP French IV Language and Culture, IB French IV, and/or the continued study of language in college. The content will be instructed with additional emphasis placed on the development of critical-thinking skills. This course is recommended for learners who have taken Honors French II and have advanced language skills due to previous instruction, background, or experience.

What's Next? AP French IV Language and Culture or IB French IV

There is no level-down option for this course.

@AP FRENCH IV LANGUAGE AND CULTURE

6161Y (6161 A and B)

Grade: 10-12 **Level: 4** **Credit: 1**

Prerequisite: There are no prerequisites; however, students are typically in their fourth year of high school– level French language study.

In the case of native or heritage speakers, there may be a different pathway of study leading to this course

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French 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 French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

There is no level-down option for this course.

@HONORS CHINESE I

6305Y (6305 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: None

The content of the course concentrates on speaking and understanding simple non-technical sentences, and writing and reading with an emphasis on simple grammar patterns and topical vocabulary in the language. Basic cultural customs and differences will be introduced.

What's Next? Honors Chinese II

There is no level-down option for this course.

@HONORS CHINESE II

6306Y (6306 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: Honors Chinese I

This honors course will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills. This course is recommended for learners who have exceeded expectations in Honors Chinese I and have advanced language skills due to previous instruction, background, or experience.

What's Next? Honors Chinese III

There is no level-down option for this course.

@HONORS CHINESE III

6307Y (6307 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Honors Chinese II

This honors course is designed to prepare learners for the continued study of language in college. The content will be instructed with additional emphasis placed on the development of critical-thinking skills. This course is recommended for learners who have exceeded expectations in Honors Chinese II and have advanced language skills due to previous instruction, background, or experience. The majority of the instruction will be taught in the target language.

There is no level-down option for this course.

What's Next? Honors Chinese Language and Culture (Chinese IV)

@AP Chinese Language and Culture (Chinese IV)

6309Y (6309 A and B)

Grade: 10-12 Level: 4 Credit: 1

Prerequisite: There are no prerequisite courses; however, students are typically in their fourth year of high school-level study. In the case of native or heritage speakers, there may be a different pathway of study leading to this course.

The AP Chinese Language and Culture course in Mandarin Chinese emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Chinese 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 Chinese. The AP Chinese Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

There is no level-down option for this course.

@SPANISH I

6011Y (6011 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Spanish I is an introductory course that will give learners the conversational skills needed to communicate at a novice level in Spanish in today's multicultural world. Learners will grow in their language abilities through reading, writing, listening, speaking and cultural activities.

What's Next? Spanish II or Honors Spanish II

@SPANISH II

6021Y (6021 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Spanish I

This course builds upon the language skills of the novice learner. Learners will begin to navigate the language in both the present and the past tense at a high novice to intermediate level. Communication skills (reading, writing, speaking, and listening) become more refined at this level. In addition, the learners will become more confident in communicating with Spanish speakers in real-life situations.

What's Next? Honors Spanish III

@HONORS SPANISH II

6023Y (6023 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Spanish I or Honors Spanish I *Successful completion of a previous Honors Spanish course is recommended.*

This honors course builds upon the language skills of the novice learner. Learners will begin to navigate the language in both the present and the past tense at a high novice to intermediate level. Communication skills (reading, writing, speaking, and listening) become more refined at this level. In addition, the learners will become more confident in communicating with Spanish speakers in real-life situations language at a faster rate.

Learners may level down Spanish II at designated times during the school year per schedule change practice listed at the front section of this course guide.

What's Next? Honors Spanish III

@HONORS SPANISH III

6033Y (6033 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Spanish II or Honors Spanish II *Successful completion of a previous Honors Spanish course is recommended.*

This honors course is designed to prepare learners for AP Spanish Language and/or the continued study of language in college. The content has additional emphasis placed on the practical use of the language. Authentic resources are used to expand the skills of reading, writing, and listening. Throughout the course, many engaging group and individual projects are given to promote collaboration and acquisition of the language at a faster rate. The majority of the instruction will be taught in the target language.

There is no level down option

What's Next? Conversational Spanish IV, AP Spanish IV Language and Culture, or IB Spanish IV

@CONVERSATIONAL SPANISH IV

6041Y (6041 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Spanish III or Honors Spanish III

Successful completion of Spanish III or higher is required. This conversational class is designed to build confidence in speaking and engaging in the target language. This course will focus on taking risks in the language and will be based on learner initiated and driven conversations. It is designed for learners who wish to increase their conversational skills for travel, work, or to serve as a bridge course before continuing language study post high school. Listening and speaking skills become more polished through group conversations, presentations, debates, and projects. In addition, learners will gain a deeper understanding of cultural connections. This course will be taught completely in the target language.

What's Next: AP Spanish IV Language and Culture, or IB Spanish IV

@AP SPANISH IV LANGUAGE AND CULTURE

6051Y (6051 A and B)

Grade: 10-12 Level: 4 Credit: 1

Recommended Prerequisite: Spanish III or Honors Spanish III *Successful completion of Honors Spanish III course is recommended.*

This Advanced Placement course meets the requirements of the College Board and is offered to learners who wish to prepare for the Advanced Placement Spanish Language exam. The class places a strong emphasis on communication in Spanish as well as synthesis skills of authentic reading and audio sources. Please note that this AP curriculum is taught at a college level and will be taught completely in the target language.

What's next? AP Spanish V Literature and Culture

Learners may level down to Conversational Spanish IV at designated times during the school year per schedule change practice listed at the front section of this course guide.

@AP SPANISH V LITERATURE AND CULTURE

Enrollment will determine if the class is offered

6052Y (6052 A and B)

Grade 10-12 Level: 4 Credit: 1

Recommended Prerequisite: AP Spanish IV Language and Culture

The AP Spanish Literature and Culture course is the equivalent of a third-year college survey course, and one of its goals is to give learners the opportunity to explore major works of literature in all of the principal literary genres – short stories, drama, novels, essays, and poetry – by writers from around the Hispanic world. Learners are expected to understand and analyze both written literary and audio sources – lectures, interviews with authors, etc. – since listening comprehension as well as composition will be tested on the AP exam. The course is taught completely in the target language using authentic texts.

There is no level-down option for this course.

@AMERICAN SIGN LANGUAGE I

6291Y (6291 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

This course is designed to help learners develop comprehension and production skills used in American Sign Language. Within a range of contexts and using a variety of topics, the instructor will guide the learners through both receptive and expressive communication activities. Learners will be exposed to the deaf culture and how it differs from English-speaking culture in the USA. Learners will develop an understanding of the history of ASL and the role it plays in deaf culture.

What's Next: American Sign Language II

@AMERICAN SIGN LANGUAGE II

6292Y (6292 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: American Sign Language I

This course is a continuation of skill development of American Sign Language I. More emphasis is given to expressive skills and use of the target language. The majority of instruction will be taught in the target language.

What's Next: American Sign Language III

@HONORS AMERICAN SIGN LANGUAGE III

6293Y (6293 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: American Sign Language II.

This is a college preparatory class for learners planning to continue the study of American Sign Language. This course is taught completely in the target language.

What's Next: American Sign Language IV

@ HONORS AMERICAN SIGN LANGUAGE IV

6294Y (6294 A and B)

Grade: 10-12 **Level: 3** **Credit: 1**

Prerequisite: American Sign Language III

This course expands on the development and refinement of American Sign Language (ASL) from the ASL III course. This course aims to further develop the overall ASL proficiency and knowledge of deaf culture that students have acquired from previous ASL courses. Learners will engage with the deaf community in this course. This course is taught completely in the target language.

FINE ARTS - ART

Learners needing assistance with art lab fees, please contact your counselor or art teacher.

ART I

6311Y (6311A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

Course Fees: Art Kit \$45

Art I is an introductory studio course providing learners with experience in a variety of mediums. This course provides learners with a foundation in drawing, 2D and 3D design, painting, printmaking, and ceramics. Critical analysis, historical and cultural references, and personal expression are an ongoing part of this course. Learners will research and develop independent artworks to enter in competitions.

What's next? Art II Honors, Art II Drawing, Art II Sculpture, Art II Photography, Art II Digital Arts & Media

ART II - SCULPTURE

6325Y (6325 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Art I

Course Fees: Art Kit \$60

Art II Sculpture will focus on the fundamentals of three-dimensional design. The course will investigate multiple processes and materials including but not limited to additive and subtractive, assemblage, plaster, wood, clay, found objects and metal. Critical analysis, historical and cultural references, and personal expression are an ongoing part of this course. Learners will analyze works of other sculptures through research, discussion and critique. Sketchbook assignments are a planning tool for works that will be created in class. This class will focus on the Breadth section of the AP 3-D Portfolio preparing learners to enter the AP 3-D Design Portfolio course.

What's next? AP 3D Design or another Art II class

ART II - DRAWING

6324Y (6324 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Art I

Course Fees: Art Kit \$60

This course will focus on improving drawing skills learned in Art 1 while introducing new media and techniques. Subject matter will include observational drawing, linear perspective, figures, light and shade, composition and mark-making. Critical analysis, historical and cultural references, independent research, and personal expression are an ongoing part of this course. Learners will analyze artwork through research, discussion and critique. Sketchbooks are required and are used to complete assignments both inside and outside of class. This class will prepare learners for further development in AP Drawing.

What's next? AP Drawing or another Art II class

ART II - PHOTOGRAPHY

6320Y (6320 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Art I

Course Fees: Art Kit \$60

A Digital SLR Camera and a 16GB SD card are required

This course is designed to introduce the basics of photography, photo editing and photo manipulation. Includes camera operation, techniques, editing and altering photographs using Photoshop. It will further the knowledge and concepts introduced in Art I through the photographic process. Emphasis on camera function, design and contemporary trends as a means of developing an understanding of photographic aesthetics.

What's next? Art II Digital Arts and Media or another Art II class

ART II - DIGITAL ARTS & MEDIA

6322 Y (6322 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Art I

Course Fees: Art Kit \$60

Learners will explore the creation of art and design utilizing digital media tools and industry current software. Learners will design original artwork traditionally and digitally emphasizing the elements of art and principles of design. Skills will be applied to image making with an emphasis on visual communication and story-telling. Critical analysis, historical and cultural references, independent research, and personal expression are an ongoing part of this course. Real world projects and challenges will be the focus.

What's next? AP 2D Design, Art II Photography, or another Art II class

HONORS ART II

6321Y (6321 A and B)

Grade: 10-12 Level: 3 Credit: 1

Prerequisite: Art I

Course Fees: Art Kit \$60

This course is double the pace of Art I. Honors Art II is designed to further develop the skills, knowledge and understandings introduced in Art I. Learners will explore increasingly complicated and challenging processes, media with an emphasis on concepts and global issues. Critical analysis, historical and cultural references, independent research and personal expression are an ongoing part of this course. Learners will research and develop independent projects to enter in competitions.

What's next? Another Art II class

AP ART HISTORY

6334Y (6334 A and B)

Grade: 10-12 Level: 4 Credit: 1

College Board Prerequisite: None

The AP Art History course is equivalent to a two-semester introductory college course that explores the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art.

There is no level-down option for this course

AP STUDIO ART DRAWING

6326Y (6326 A and B)

Grade: 10-12 Level: 4 Credit: 1

College Board Prerequisite: None

CHS Recommended Prerequisite: Art II Drawing

Course Fees: Art Kit \$60

This portfolio is designed to further develop your drawing skills, including mark-making line, surface, space, light and shade, and composition. Learners will create artwork that reflects their personal ideas and skills and what you've learned. This class focuses on the following 4 core skills 1) Investigating the materials, processes, and ideas that artists and designers use. 2) Practicing, experimenting, and revising as you create your own work. 3) Interpreting works of art and design 4) Communicating your ideas about works of art and design. Students submit portfolios for evaluation at the end of the school year.

Learners may level down to Honors Art II or Art II Drawing if not previously completed.

AP STUDIO ART 2D DESIGN

6331Y (6331 A and B)

Grade: 10-12 Level: 4 Credit: 1

College Board Prerequisite: None

Prerequisite: Art II Digital Arts & Media

Course Fees: Art Kit \$60

This portfolio is designed to further develop your skills in a two-dimensional medium such as graphic design, illustration, photography, collage, printmaking, and others as you learn the principles of 2-D design. You'll create artwork that reflects your own ideas and skills and what you've learned. This class focuses on the following 4 core skills 1) Investigating the materials, processes, and ideas that artists and designers use. 2) Practicing, experimenting, and revising as you create your own work. 3) Interpreting works of art and design 4) Communicating your ideas about works of art and design. Students submit portfolios for evaluation at the end of the school year.

Learners may level down to Art II Photography I or Art II Digital Arts and Media I if not previously completed.

AP STUDIO ART 3D DESIGN

6332Y (6332 A and B)

Grade: 10-12 Level: 4 Credit: 1

CHS Recommended Prerequisite: Art I & Art II Sculpture

Course Fees: Materials \$60

This portfolio is designated for work that focuses on the use of three-dimensional (3-D) elements and principles of art and design, including point, line, shape, plane, layer, form, volume, mass, occupied/unoccupied space, texture, color, value, opacity, transparency, time, unity, variety, rhythm, movement, proportion, scale, balance, emphasis, contrast, repetition, connection, juxtaposition, and hierarchy. Students should consider how materials, processes, and ideas can be used to make work that involves space and form. Students can work with any materials, processes, and ideas. Figurative or non-figurative sculpture, architectural models, metal work, ceramics, glasswork, installation, performance, assemblage, and 3-D fabric/fiber arts are among the possibilities for submission.

Learners may level down to Art II Sculpture I or Art II Honors if not previously completed.

INDEPENDENT STUDY IN ART FOR AP LEARNERS

6337Y (6337 A and B)

Grade: 10-12 Level: 2 Credit: 0.5-1

Prerequisite: Instructor Approval required – This course is only for art learners enrolled in AP Studio Art courses.

This class is offered one or both semesters and **HIGHLY** recommended for learners enrolled in AP Studio Art courses. Learners work independently to develop artwork for the AP Portfolio or for college entrance requirements.

FINE ARTS – BAND

Bands are by audition only.

Learners receive an additional .5 credit for PE in the Fall Semester

WIND SYMPHONY (1st Band) - DOUBLE BLOCKED WITH INSTRUMENTAL ENSEMBLE ONLY

Music II Band 6712Y (6712 A and B) AND Instrumental Ensemble II 6717Y (6717 A and B)

Music III Band 6713Y (6713 A and B) AND Instrumental Ensemble III 6718Y (6718 A and B)

Music IV Band 6714Y (6714 A and B) AND Instrumental Ensemble IV 6719Y (6719 A and B)

Grade: 10-12 Level: 2 Credit: 2

Prerequisite: Approval by audition only.

The Wind Symphony is a part of the marching band and meets both semesters. This class places strong emphasis on the technical and musical abilities of its learners so that they will be able to perform literature appropriate to the musical ability of the learners within this ensemble. Musical analysis and individual performance are also strongly emphasized to exhibit proper musical techniques that are necessary for the Wind Symphony. The study and practice of All-State music and solo literature is a requirement of the ensemble.

SYMPHONIC BAND I (2nd Band) - DOUBLE BLOCKED WITH INSTRUMENTAL ENSEMBLE ONLY

Music II Band 6722Y (6722 A and B) AND Instrumental Ensemble II 6727Y (6727 A and B)

Music III Band 6723Y (6723 A and B) AND Instrumental Ensemble III 6728Y (6728 A and B)

Music IV Band 6724Y (6724 A and B) AND Instrumental Ensemble IV 6729Y (6729 A and B)

Grade: 10-12 Level: 2 Credit: 2

Prerequisite: Approval by audition only.

The Symphonic Bands are a part of the marching band and meets both semesters. This class places strong emphasis on the technical and musical abilities of its learners so that they will be able to perform literature appropriate to the musical ability of the learners within this ensemble. Musical analysis and individual performance are also strongly emphasized to exhibit proper musical techniques that are necessary for the Symphonic Band I. The study and practice of All-State music and solo literature is a requirement of the ensemble.

SYMPHONIC BAND II (3rd Band) - DOUBLE BLOCKED WITH INSTRUMENTAL ENSEMBLE ONLY

Music II Band 6732Y (6732 A and B) AND Instrumental Ensemble II 6737Y (6737 A and B)
Music III Band 6733Y (6733 A and B) AND Instrumental Ensemble III 6738Y (6738 A and B)
Music IV Band 6734Y (6734 A and B) AND Instrumental Ensemble IV 6739Y (6739 A and B)

Grade: 10-12 Level: 2 Credit: 2

Prerequisite: Approval by audition only.

The Symphonic Bands are a part of the marching band and meets both semesters. Learners are evaluated on their musical growth throughout the first semester. Learners are placed in one of the seven bands in the spring. The study and practice of All-Region music and solo literature is a requirement of all ensembles and band classes.

CONCERT BAND I (4th BAND) – DOUBLE BLOCKED WITH INSTRUMENTAL ENSEMBLE ONLY

Music II Band 6742Y (6742 A and B) AND Instrumental Ensemble II 6747Y (6747 A and B)
Music III Band 6743Y (6743 A and B) AND Instrumental Ensemble III 6748Y (6748 A and B)
Music IV Band 6744Y (6744 A and B) AND Instrumental Ensemble IV 6749Y (6749 A and B)

Grade: 10-12 Level: 2 Credit: 2

Prerequisite: Approval by audition only.

This class places strong emphasis on the fundamental technical and musical abilities of its learners so that they will be able to perform the marching show music as well as their solo and All-Region music. During the second semester the concert band becomes one of the seven concert bands of the overall instrumental music program.

CONCERT BAND II (5th BAND)- DOUBLE BLOCKED WITH INSTRUMENTAL ENSEMBLE ONLY

Music II Band 6752Y (6752 A and B) AND Instrumental Ensemble II 6757Y (6757 A and B)
Music III Band 6753Y (6753 A and B) AND Instrumental Ensemble III 6758Y (6758 A and B)
Music IV Band 6754Y (6754 A and B) AND Instrumental Ensemble IV 6759Y (6759 A and B)

Grade: 10-12 Level: 2 Credit: 2

Prerequisite: Approval by audition only.

This class places strong emphasis on the fundamental technical and musical abilities of its learners so that they will be able to perform the marching show music as well as their solo and All-Region music. The second semester the concert band becomes one of the seven concert bands of the overall instrumental music program.

PERCUSSION DOUBLE BLOCKED WITH INSTRUMENTAL ENSEMBLE ONLY

Music II Band 6772Y (6772 A and B) AND Instrumental Ensemble II 6777Y (6777 A and B)
Music III Band 6773Y (6773 A and B) AND Instrumental Ensemble III 6778Y (6778 A and B)
Music IV Band 6774Y (6774 A and B) AND Instrumental Ensemble IV 6779Y (6779 A and B)

Grade: 10-12 Level: 2 Credit: 2

Prerequisite: Approval by audition only and knowledge of percussion fundamentals

The Percussion program is a part of the marching band and meets both semesters. This class places strong emphasis on the technical and musical abilities of its learners so that they will be able to perform literature appropriate to the musical ability of the learners within this ensemble. Musical analysis and individual performance are also strongly emphasized to exhibit proper musical techniques that are necessary for the Percussion program. The study and practice of All-State music and solo literature is a requirement of the ensemble.

COLOR GUARD/WINTER GUARD

Music II Band 6702Y (6702 A and B)
Music III Band 6703Y (6703 A and B)
Music IV Band 6704Y (6704 A and B)

Grade: 10-12 Level: 2 Credit: 1

Learners receive an additional .5 credit for PE in the Fall Semester

Prerequisite: Approval by audition only and knowledge of color guard fundamentals

Color guard/Winter guard is a dramatic and colorful "ballet" incorporating props, rifles, flags, and sabers. It interprets recorded music and is designed to move forms around the floor to create artistic and expressive efforts. The Color guard performs with the Marching Band during the fall, and on its own as the Winter guard in the Spring. Color guard is a yearlong course.

FINE ARTS - CHOIR

All CHS Learners are welcome to join choir at any time during high school regardless of prior musical experience. Learners new to choir are encouraged to set up an orientation meeting with one of the CHS Choir Directors prior to the end of this current school year. All choir members are able to audition for outside of the school day ensembles (Respira and/or Vivace!).

Auditioned Choirs – Learners may sign up for any of the Auditioned Choirs below but will be placed at the discretion of the CHS Choir Directors in consultation with counselors. **Any 10th-12th Grade learners not currently in choir may be selected for auditioned ensembles once they have met with a CHS Choir Director.**

TENOR-BASS CHOIR (Non-Auditioned)

Music I Choir 6802Y (6802 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Tenor and Bass Voices. This course provides instruction in the care, development, and management of the voice. In addition, it provides emphasis on the development of music-reading skills and vocal techniques. Performances: concerts, festivals, competitions, and trips. Participation in all choral performances required.

What's Next: A Cappella Mixed Choir

CHORALE TREBLE CHOIR (Non-Auditioned)

Music I Choir 6803Y (6803 A and B)

Music II Choir 6804Y (6804 A and B)

Music III Choir 6805Y (6805 A and B)

Music IV Choir 6806Y (6806 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

This course provides instruction in the care, development, and management of the voice. In addition, it provides emphasis on the development of music-reading skills and vocal techniques. Performances: concerts, festivals, competitions, and trips. Participation in all choral performances required.

What's Next: Kantorei Treble Choir or A Cappella Mixed Choir

KANTOREI TREBLE CHOIR (Auditioned)

Music I Choir 6807Y (6807 A and B)

Music II Choir 6808Y (6808 A and B)

Music III Choir 6809Y (6809 A and B)

Music IV Choir 6810Y (6810 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Auditions in the spring

Treble voices only. An auditioned Treble Choir is a course which develops mastery of vocal skills and techniques used in performing more challenging treble choir music from various periods and styles. Performances: concerts, festivals, competitions, and trips. Private voice lessons are strongly encouraged. Participation in all performances required.

What's Next: A Cappella Mixed Choir

A CAPPELLA MIXED CHOIR (Auditioned)

Music I Choir 6812Y (6812 A and B)

Music II Choir 6813Y (6813 A and B)

Music III Choir 6814Y (6814 A and B)

Music IV Choir 6815Y (6815 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Auditions in the spring; previous choral experience

This A Cappella Choir is the premiere mixed choral ensemble at CHS. Focus is devoted to mastery of vocal skills and techniques used in performing more challenging mixed choir music from various periods and styles. Performance: concerts, festivals, competitions, and trips. Private voice lessons are strongly encouraged. Participation in all performances required. Participation in the TMEA All-State Choir Contest and the UIL Solo and Ensemble is required. Attending an All-State Choir Camp during the summer is encouraged.

MADRIGALS (Auditioned)

Vocal Ensemble I 6816Y (6816 A and B)

Vocal Ensemble II 6817Y (6817 A and B)

Vocal Ensemble III 6818Y (6818 A and B)

Vocal Ensemble IV 6819Y (6819 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Auditions in spring; previous choral experience

Madrigals Choir is the premiere chamber ensemble at CHS. All Madrigal Singers must also be in the A Cappella Choir. Focus is devoted to mastery of vocal skills and techniques used in performing more challenging mixed choir music from various periods and styles. Performance: concerts, festivals, competitions, and trips. Private voice lessons are strongly encouraged. Participation in all performances required. Participation in the TMEA All-State Choir Contest and the UIL Solo and Ensemble is required. Attending an All-State Choir Camp during the summer is encouraged.

APPLIED MUSIC - CHOIR

Applied Music I-Choir 6850Y (6850 A & B)

Applied Music II-Choir 6851Y (6851 A & B)

Applied Music III-Choir 6804LABY

Applied Music IV-Choir 6805LABY

Grade: 10-12 **Level: 2** **Credit: .5-1.0**

Prerequisite: Committee Approval

The focus is on experiential music perception and listening skills. Enrollment in this course is predicated on an ARD committee decision.

FINE ARTS – MUSIC THEORY

AP MUSIC THEORY

6875Y (6875 A and B)

Grade: 10-12 **Level: 4** **Credit: 1**

College Board Prerequisite: There are no prerequisite courses for AP Music Theory. Prospective students should be able to read and write musical notation and have basic performance skills with voice or an instrument.

The AP Music Theory course corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

There is no level-down option for this course.

FINE ARTS - THEATRE ARTS

SPOTLIGHT

Theatre Arts I 6511Y (6511 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

This course offers basics in theatre skills such as acting, characterization, and directing, historical significance of a play, some technical theatre, improvisation, script reading, roles and jobs in the theatre, voice/movement work, and common theatre vocabulary. Learners are required to attend one CHS production per semester.

What's Next: Broadway Bound, Fame I, Technical Theatre 1, Studio Premier (With Director Approval)

BROADWAY BOUND

Theatre Arts II 6521Y (6521 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: Spotlight, Theatre I or Take One Theatre I

This tier of courses develops proficiency in acting by promoting an understanding of the methods, principles, practices and vocabulary common for all acting styles from Greek through Shakespeare to modern texts. The learners will study monologues and scenes from a variety of historical periods and acting styles. Learners will learn the processes used to research a character historically. Learners will study appropriate stage diction and learn to project their voices in all spaces and with a wide range of characters. Learners will study mime, movement, and stage combat to prepare their bodies for the challenges of creating physical characters. The courses will require that the learners transfer knowledge from one acting style to another. The courses will challenge the learners to develop and use a process of character development and discover their creative processes. This course emphasizes the complexity and thoroughness required to become a successful performer. Learners are required to attend all CHS productions each semester and participate in their own class play.

What's Next: Studio Premier (Requires Director Approval), Fame I

FAME I

Musical Theatre II 6586Y (6586 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Spotlight, Take One, or 1 year of Choir

Course Fees: Learners will be required to purchase their own tap, jazz and ballet shoes

Do you love musical theatre? Would you like to learn how to sing, act and dance? Then this course is for you!! **No prior talent in these areas is required.** Learners will be taught all three disciplines while putting together their own show to be performed in the Spring. The course will enhance and cultivate the creative gifts of each learner while encouraging a sense of self-confidence. The course will enable learners to study and perform the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and all other aspects of a music production. Learners will be required to participate in their own class production which will include some after school rehearsals. Learners will also be required to either participate in or attend the school musical in the fall.

What's Next: Fame II, Studio Premier (Requires Director Approval)

FAME II

Musical Theatre III 6587Y (6587 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Fame I, Musical Theatre II

Course Fees: Learners will be required to purchase their own tap, jazz, and ballet shoes

Loved Fame so much you would like to take it again? Then Fame II is for you! This class will focus on more advanced styles of dance, music and acting. Learners will study the history of musical theatre and explore what goes into making a musical. Learners will be required to participate in their own class production, which will include some after school rehearsals. Learners will also be required to either participate in or attend the school musical in the fall.

What's Next: Studio Premier (Requires Director Approval)

FAME III

Musical Theatre IV 6588y (6587 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Fame I & Fame II

Course Fees: Learners will be required to purchase their own tap, jazz, and ballet shoes

Loved Fame so much you would like to take it again? Then Fame III is for you! This class will focus on more advanced styles of dance, music and acting. Learners will study the history of musical theatre and explore what goes into making a musical. Learners will be required to participate in their own class production, which will include some after school rehearsals. Fame III learners are leaders in the class, and will be asked to choreograph their peers in a number for their class musical production to synthesize what they've learned over the course of their time in FAME class. Learners will also be required to either participate in or attend the school musical in the fall.

What's Next: Studio Premier or Theatre Production UIL OAP (Requires Director Approval)

STUDIO PREMIER

Theatre III 6531Y (6531 A and B)

Theatre IV 6541Y (6541 A and B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisite: Auditioned Class/Theatre II; Director Approval

This is an advanced class aimed at preparing learners for the next level and will be limited to a select group of upperclassmen that have demonstrated a serious interest and dedication to the performing arts. The class curriculum will center around the needs of each learner in preparing them for entry into college or gaining an agent once they have graduated. Seniors will be required to perform in a senior showcase in the Spring, requiring some after school rehearsal. Juniors will continue studying different acting techniques to include acting in front of a camera (television and film) along with some voice over work. Juniors will be required to tech the senior showcase for the Seniors in the Spring, which will require some after school rehearsal. Learners will be required to attend all school plays.

IN PRODUCTION - UIL OAP Production Class

Theatre II 6591Y (6591 A and B)

Theatre III 6592Y (6592 A and B)

Theatre IV 6593Y (6593 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Theatre I (Spotlight or Take One); Auditioned Class/Director Approval

This audition-only class is an advanced theatre class for BOTH ACTORS AND TECHNICIANS focused on selecting, rehearsing, designing, and preparing all the technical elements for our Spring UIL One Act Play. All UIL OAP rehearsals and prep will be done in this class, not after school. The class curriculum will center around the UIL One Act Play for competition, and doing deeper character work, scene study, and design work on the show while in a supportive and all-inclusive environment. Not all members of the class will be cast in the show or made traveling crew members, but will absolutely work on the show in some capacity. This show can be taken in tandem with any of the Technical Theatre classes, Broadway Bound, Studio Premier, or FAME, if a student so desires. Seniors in Theatre Production will be required to perform in a senior showcase in the Spring which may require some after school rehearsal. Juniors and sophomores will be required to tech the senior showcase for the Seniors in the Spring, which

will require some after school rehearsal. Learners will be required to attend all school plays. Interviews for this class will be held in late February with the Theater Director.

TECHNICAL THEATRE I

Technical Theatre I 6551Y (6551 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

This course teaches basic technical skills of the Theatre such as set construction, sound and light skills, and production. Construction requires the use of power tools such as saws and drills. Therefore, learners must provide safety glasses and ear plugs for this class. Learners are also required to see one CHS production per semester. Each class period is limited to 20 learners.

What's Next: Technical Theatre and Design (Requires Director Approval)

TECHNICAL THEATRE and DESIGN

Technical Theatre II 6561Y (6561 A and B)

Technical Theatre III 6571Y (6571 A and B)

Technical Theatre IV 6581Y (6581 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Technical Theatre I and Director Approval

Technical Theatre and Design will focus on designing and creating the sets, lights, props, costumes, and sound for the department's productions. The learner will develop a variety of intensive skills to create designs that, while focusing on the theatrical event, also cross into film, multimedia, and other artistic fields. Learners learn the processes required to move a design from the theoretical to the actualized. Their own development as practitioners take place in relation to understandings gained about production processes and the contributions made by, for instance, dramaturges, artists, performers, and producers. Learners will explore the business of technical theatre and technical theatre as an option in college, and will create resumes and portfolios for use at college interviews. Learners are required to see the shows that are produced by the theatre department. Learners are also required to attend all CHS productions per semester.

FINE ARTS - DANCE

The Fine Arts Endorsement in Dance offers a 4-year exploration of dance in a variety of concert styles including ballet, modern dance, jazz, and hip hop. Movement and technique will be practiced within each style as well as historical significance, vocabulary, and choreography. Each dance class level must be studied completely and successfully in order to meet requirements for acceptance into the following course. Participation in the annual dance class performance will be required. All dance classes and levels are a fine arts credit.

DANCE I

6901Y (6901 A and B)

Grade: 10-12 Level: 2 Credit: 1

Course Fees: Dance Uniform \$15

This is a beginner level class for learners wishing to gain experience in the various styles of dance including ballet, jazz, modern dance, and hip-hop. Dressing out daily and performing dances for an audience is a major part of the curriculum and should be a consideration in choosing the class. The required uniform can be purchased at the beginning of the year from your dance instructor.

DANCE II

6902Y (6902 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Dance I

Course Fees: Dance Uniform \$15

Dance II is an intermediate level class for learners who have successfully completed Dance I. This class serves to build upon the technique and choreographic experience gained in Dance I and to prepare learners to advance to Dance III.

DANCE III

6903Y (6903 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Dance II

Course Fees: Dance Uniform \$15

This is an intermediate level class for learners who have successfully completed Dance I and II and have approval from the dance instructor. At this level, students demonstrate a deeper understanding of technique in all the styles studied as well as proficiency in choreography and performance.

DANCE IV

6904Y (6904 A and B)

Grade: 10-12

Level: 2

Credit: 1

Prerequisite: Dance III

Course Fees: Dance Uniform \$15

This is a higher-level class for learners who have successfully completed Dance I, II, and III and have approval from the dance instructor. At this level, students demonstrate a deeper understanding of technique in all the styles studied as well as proficiency in choreography and performance. Dance IV students will be eligible to purchase a letter jacket.

PE / ATHLETICS

PERSONAL FITNESS

5102

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisite: None

Course Fees: school uniform purchased through the PTSO \$30

This is a fitness course based on an understanding of the physiological factors involved in exercise that incorporate muscular strength and endurance, flexibility, and cardiovascular endurance. Learners will actively participate to reinforce knowledge for lifetime fitness.

INDIVIDUAL SPORTS

5103

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisite: None

Course Fees: School uniform purchased through the PTSO \$30

This course broadens the appreciation of and the ability to participate in lifetime sports. Selections may include the following sports or a combination of sports: tennis, golf, weight lifting, aerobics, table tennis, badminton, and recreational games. Physical fitness will also be included.

TEAM SPORTS

5104

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisite: None

Course Fees: School uniform purchased through the PTSO \$30

Extends and reinforces the development of skills, increases knowledge, and builds positive attitudes in team sports. Selections may include the following sports or a combination of the following: basketball, flag football, softball, volleyball, team handball, soccer, flicker ball. Physical fitness will also be included.

AEROBIC ACTIVITIES I

5101A

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisite: None

Course Fees: School uniform purchased through the PTSO \$30

Aerobics will help learners understand the different types of aerobic activities and how they can enrich their lives. Emphasis will be on heart monitoring, cardiovascular and muscular endurance, coordination, flexibility, and an increased level of fitness.

AEROBIC ACTIVITIES II

5101 B

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisite: Aerobic Activities I

Course Fees: School uniform purchased through the PTSO \$30

This class will continue with aerobics activities. New aerobic formats will be introduced, including but not limited to Zumba, Yoga and Step Aerobics. Individuals will be able to design fitness plans within this course.

PEER COACHING for STUDENTS I and II

5602A Peer Coaching for Students I

5602B Peer Coaching for Students II

Grade: 11-12

Level: 2

Credit: 0.5-1

Prerequisite: [Google Form Application](#) or CHS Educator Approval

The supportive peers will assist an individual learner or a small group of learners with special needs in a general education PE classroom. Learners will receive confidentiality training and sign a confidentiality statement. Peer tutors are encouraged to develop and maintain positive relationships outside of class. A reflection paper is required at the end of the semester.

INDIVIDUAL SPORTS: BOYS WEIGHT TRAINING

5105 A, B or Y - 10

5105 A, B or Y - 11

5105 A, B or Y - 12

Grade: 10-12 **Level: 2** **Credit: 0.5-1.0**

Course Fees: School uniform purchased through the PTSO \$30

This course will combine multiple aspects of muscular strength and conditioning. Over the course of the semester, the learners will learn how to use weights and fitness to control their bodies. The learners will be taught the basic components of a weight-training program. Advanced lifting techniques will be introduced. Comprehensive Fitness and Lifelong Learning will also be a point of emphasis as learners will be capable of designing programs consistent with their current developmental stage. This course may be taken for 3 years and will be coded as P.E. Substitution Athletics on your transcript.

INDIVIDUAL SPORTS: GIRLS WEIGHT TRAINING

5107 A, B or Y - 10

5107 A, B or Y - 11

5107 A, B or Y - 12

Grade: 10-12 **Level: 2** **Credit: 0.5-1.0**

Course Fees: School uniform purchased through the PTSO \$30

This course will combine multiple aspects of muscular strength and conditioning specifically for girls. Over the course of the semester, the learners will learn how to use weights and fitness to control their bodies. The learners will be taught the basic components of a weight-training program. Advanced lifting techniques will be introduced. Comprehensive Fitness and Lifelong Learning will also be a point of emphasis as learners will be capable of designing programs consistent with their current developmental stage. This course may be taken for 3 years and will be coded as P.E. Substitution Athletics on your transcript.

INDIVIDUAL SPORTS: SELF DEFENSE

5026

Grade: 10-12 **Level: 2** **Credit: 0.5**

Prerequisite:

Course Fees: School uniform purchased through the PTSO \$30

This is an activity-based course that will help prepare learners with the proper assessment, reaction and possible prevention of assault situations. Learners will learn not only physical skills, but also verbal strategies and awareness skills. These practical techniques are derived from multiple resources and will primarily use large motor skills in their application. Activities will require learners to analyze and evaluate personal fitness status in terms of muscular strength, muscular endurance and flexibility. Learners will gauge their personal skills and set reasonable goals for improvement during drills and simulated threatening circumstances. Learning to respond appropriately to challenges, successes, and failures will help build confidence and prepare each learner for confrontational situations.

INDIVIDUAL SPORTS - TABLE TENNIS

5809

Grade: 10-12 **Level: 2** **Credit: 0.5**

Course Fees: School uniform purchased through the PTSO \$30

This course will expand on the various aspects of the sport of Ping Pong that were introduced in Individual Sports. Advanced rules and techniques will be taught. The learners will play in both league format and tournament play. Game settings that promote lifetime fitness will be emphasized.

OUTDOOR ADVENTURES I

5100A

Grade: 10-12 **Level: 2** **Credit: 0.5**

Course Fees: \$25 for Course Consumables

Optional Fee: Hunter Certification- \$15

The Texas Parks and Wildlife Department developed the Outdoor Education course to enhance and educate learners in outdoor activities and wildlife conservation. The curriculum includes: The Texas Parks and Wildlife Department Hunter Education, Boater Education and Angler Education courses, American Heart Association First Aid training, wilderness survival, trip planning, wildlife conservation, camping, backpacking, orienteering, archery and tackle crafts. Emphasis is placed on ethics, safety, conservation, laws, responsibilities, physical fitness and selecting activities that can be enjoyed for a lifetime.

OUTDOOR ADVENTURES II

5100B

Grade: 11-12 **Level: 2** **Credit: 0.5**

Prerequisite: Outdoor Adventures I

Course Fees: \$25 for Course Consumables

Optional Fee: Hunter Certification- \$15

The Texas Parks and Wildlife Department developed the Outdoor Education course to enhance and educate learners in outdoor activities and wildlife conservation. The curriculum includes: The Texas Parks and Wildlife Department Hunter Education, Boater Education and Angler Education courses, American Heart Association First Aid training, wilderness survival, trip planning, wildlife conservation, camping, backpacking, orienteering, archery and tackle crafts. Emphasis is placed on ethics, safety, conservation, laws, responsibilities, physical fitness and selecting activities that can be enjoyed for a lifetime.

SUBSTITUTION ACTIVITIES for PE CREDIT

The Texas Administrative Code lists physical activities, which may be awarded as PE substitutions. These activities are not State Board of Education-approved courses and do not have TEKS. These activities are as follows:

- **Silver Stars (fall/spring semesters)**
- **Lariettes (fall semester only)**
- **Cheerleading (fall/spring semesters)**
- **Athletics (fall/spring semesters)**
- **Band (fall semester only)**

Upon completion of each semester's participation in one of these activities, the learner may be awarded a PE equivalency credit as needed for graduation.

Varsity Drill Team Lariettes **DOUBLE BLOCKED**

1st Year: 5242Y (5242 A and B)

2nd Year: 5243Y (5243 A and B)

3rd Year: 5244Y (5244 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: One audition in spring. Previous dance experience encouraged.

The Lariettes Drill Team meets during a period within the school day as well as before school and during the summer. Specific guidelines to qualify are available at the time of tryouts. This class is a Fine Arts Credit.

Cheerleading **DOUBLE BLOCKED**

5239Y (5239 A and B) JV-10th

5240Y (5240 A and B) Varsity-11th

5247Y (5247 A and B) Varsity-12th

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: Tryout; Instructor approval

Cheerleaders meet during a period within the school day. Additional practice time outside the school day and during summer will be required. Guidelines relative to participation are available at tryout time.

ATHLETICS

Grade: 10-12 Level: 2 Credit: 0.5 - 1

Prerequisite: Interest, ability and coach approval

(These are all DOUBLE BLOCKED COURSES)

The following sports are offered as competitive athletics and are governed by the rules and regulations of the UIL and local CISD policies. Athletics may count in lieu of PE as required for graduation. Some sports (football, tennis and cross-country) require participation to begin prior to the first day of school. The learner is responsible for contacting the coach for the beginning dates of these sports.

5205Y (5205 A and B)	JV/V Baseball
5208Y (5208 A and B)	JV/V Boys Basketball
5209Y (5209 A and B)	JV/V Girls Basketball
5210Y (5210 A and B)	Cross Country
5213Y (5213 A and B)	JV/V Football **
5214Y (5214 A and B)	Boys Golf
5215Y (5215 A and B)	Girls Golf
5218Y (5218 A and B)	JV/V Boys Soccer
5219Y (5219 A and B)	JV/V Girls Soccer
5220Y (5220 A and B)	JV/JV2 Softball
5221Y (5221 A and B)	V Softball
5222Y (5222 A and B)	Swimming-Diving
5223Y (5223 A and B)	JV Swimming
5224Y (5224 A and B)	V Swimming
5226Y (5226 A and B)	Tennis JV2

5227Y (5227 A and B)	JV1 Tennis
5229Y (5229 A and B)	V Tennis
5230-10/5231-10	Boys Track Fall/Spring
5230-11/5231-11	Boys Track Fall/Spring
5230-12/5231-12	Boys Track Fall/Spring
5258-10/5259-10	Girls Track Fall/Spring
5258-11/5259-11	Girls Track Fall/Spring
5258-12/5259-12	Girls Track Fall/Spring
5234Y (5234 A and B)	JV/V Volleyball
5235Y (5235 A and B)	JV Boys Wrestling
5236Y (5236 A and B)	V Boys Wrestling
5237Y (5237 A and B)	Girls Wrestling

** Seniors will be in football ONLY in the fall semester and must choose a spring semester elective course that is NOT football.

OFF CAMPUS P.E.

Category I Olympic level participation

- 5001Y (5001 A and B) 1st Period & 5th Period
- 5008Y (5008 A and B) 4th Period & 8th Period

Category II

5009Y (5009 A and B)

Grade: 10-12 Level: 2 Credit: 0.5 - 1

Prerequisite: Approval Required


Course Fees: \$75/semester or \$150/year due at schedule pick-up in August

Guidelines and applications may be found on the CHS website under Academics/Off Campus PE. Application and payment are to be completed online. Confirmation of application competition needs to be brought to your registration conference. The learner will be responsible for returning to CHS the grade evaluation form completed by the course instructor one week prior to the end of the current grading period.


Application: <http://www.coppellisd.com/domain/394>

ATHLETIC TRAINING PROGRAM

Class of 2022 and 2023






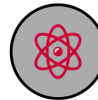
PUBLIC SERVICES ENDORSEMENT – 3 or more courses for 4 or more credits						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Health Science	Healthcare Therapeutic-Sports Medicine	Principles of Health Science-Sports Medicine I	Principles of Health Science-Sports Medicine I OR Project Based Research-Sports Medicine II	Health Science Theory/Health Science Clinical-Sports Medicine III AND Anatomy & Physiology	Practicum in Health Science-Sports Medicine IV	<ul style="list-style-type: none"> • CPR-BLS • OSHA Health Care • CPR-BLS Instructor • Certified Personal Trainer

Class of 2024 and 2025

PUBLIC SERVICES ENDORSEMENT – 3 or more courses for 4 or more credits						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Health Science	Exercise Science and Wellness-Sports Medicine	Principles of Exercise Science and Wellness-Sports Medicine I	Principles of Exercise Science and Wellness-Sports Medicine I OR Kinesiology I-Sports Medicine II	Kinesiology II-Sports Medicine III AND Anatomy & Physiology	Career Prep I-Sports Medicine IV	<ul style="list-style-type: none"> • CPR-BLS • OSHA Health Care • CPR-BLS Instructor • Certified Personal Trainer

CAREER & TECHNICAL EDUCATION

Career & Technical Education courses may have fees associated with them for lab materials, supplies, student organization costs, industry standard or professional certification examinations, and uniforms or standard dress apparel, as a requirement of the course. Fees are subject to change based on increased costs of those items. "Financial" assistance may be available (contact your counselor for more information). Admission to these programs is based on grade level, age appropriateness, interest, class space availability, and aptitude. CISD CTE course offerings are subject to appropriate funding, educator availability, and/or class size.

BUSINESS & INDUSTRY ENDORSEMENT					
Cluster	Program of Study	Cluster	Programs of Study	Cluster	Programs of Study
 Architecture and Construction	Construction	 Arts, Audio/Video Technology, and Communications	Design and Multimedia Arts Digital Communications	 Business Management and Administration	Accounting and Financial Services Business Management Marketing and Sales
PUBLIC SERVICES ENDORSEMENT			STEM ENDORSEMENT		
Cluster	Program of Study	Cluster	Program of Study	Cluster	Programs of Study
 Education and Training	Teaching and Training	 Health Science	Healthcare Therapeutic (Emergency Medical Technician/ Medical Assistant/Pharmacy Technician/Sports Medicine) Exercise and Wellness	 STEM	Engineering Programming and Software Development

What is a Program of Study?

Programs of study are course sequences that prepare students with the knowledge and skills necessary for success in their chosen career. These sequences embed relevant, real world experiences and culminate in a postsecondary credential.

Why complete a Program of Study?

- Programs of study meet high school endorsement requirements.
- Programs of study help students realize if they need education beyond high school and what type of education they should acquire.
- Programs of study give students a deeper understanding of their chosen field of work.
- Programs of study allow students a hands-on experience that can lead to jobs and internships.
- Programs of study show that a student can stick to a dedicated plan throughout their secondary education.

Career and Technical Student Organizations (CTSO)


All learners in a CTE Program of Study are highly encouraged to participate in a co-curricular Career and Technical Student Organization (CTSO). Membership dues are required and additional competition / activity costs may be required. Financial assistance may be available (contact your counselor for more information). CTSOs offered are subject to change.

- DECA- Marketing Education Students Association- Dues \$25 per year
- HOSA - Health Occupations Students of America- Dues \$25 per year
- FCCLA- Family Career & Community Leaders- Dues \$25 per year
- TSA- Technology Student Association- Dues \$25 per year

NTHS- National Technical Honor Society: 11th & 12th grade CTE learners have the opportunity to apply for the NTHS. Dues are a one time fee of \$30.

CTE Programs of Study

(Courses in green are Dual Credit requirements and/or options.)

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Architecture and Construction	Construction	Principles of Construction	Construction Management I	Construction Management II: Dual Credit-North Lake CC-CNBT 2342 -Construction Management AND CNBT 1311-Construction Materials & Methods	Practicum in Construction Management: Dual Credit-North Lake CC-CNBT 1302-Mechanical, Plumbing, & Electrical AND CNBT 2310-Commercial / Industrial Blueprint Reading	<ul style="list-style-type: none"> OSHA Construction Dual Credit

CONSTRUCTION MANAGEMENT I

7711Y (7711 A and B)

Grade: 10-12 Level: 2 Credit: 1

Recommended Prerequisite: Algebra I, Geometry

In Construction Management I, students will gain knowledge and skills needed to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management I include the knowledge of design techniques and tools related to the management of architectural and engineering projects.

What's Next? Construction Management II

CONSTRUCTION MANAGEMENT II

7712Y (7712 A and B)

Grade: 11-12 Level: 3 Credit: 2 (6 hours Dual Credit)

Prerequisite: Construction Management I

In Construction Management II, students will gain knowledge and skills needed to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management II includes knowledge of the design, techniques, and tools related to the management of architectural and engineering projects.

North Lake Dual Credit: Fall Semester- CNBT 2342 -Construction Management

AND

North Lake Dual Credit: Spring Semester-CNBT 1311- Construction Materials & Methods

What's Next? Practicum in Construction Management

PRACTICUM IN CONSTRUCTION MANAGEMENT

7713DY (7713 DA and DB)

Grades: 12 Level: 3 Credit: 2 (6 hours Dual Credit)


Prerequisite: Construction Management II

Practicum in Construction Management is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

North Lake Dual Credit: Fall Semester- CNBT 1302- Mechanical, Plumbing, & Electrical

AND

North Lake Dual Credit: Spring Semester- CNBT 2310- Commercial / Industrial Blueprint Reading

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Arts, Audio/Video Technology, and Communications	Digital Communications (KCBY)	Principles of Arts, Audio/Video Technology, & Communications	Audio/Video Production I	Audio/Video Production II / Audio/Video Production II Lab	Practicum in A/V Production	<ul style="list-style-type: none"> • ACA Premiere Pro • OSHA General

AUDIO/VIDEO PRODUCTION I (KCBY)

7119Y (7119 A and B) KCBY

Grade: 10-12 Level: 2 Credit: 1

Prerequisites: None

Recommended prerequisites: Principles of Arts, Audio/Video Technology, and Communications

Required Course Materials: 16GB Class 10 SD card, 500GB or higher portable hard drive, and headphones.

CTSO Membership opportunity: **TSA- Technology Student Association- Dues \$25 per year**

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. The major publications for this course are KCBY shows.

What's Next? Audio/Video Production II / Audio/Video Production II LAB (KCBY)

AUDIO/VIDEO PRODUCTION II / AUDIO/VIDEO PRODUCTION II LAB (KCBY)

7121Y (7121 A and B) KCBY

Grade: 11-12 Level: 3 Credit: 2 (2 periods)

Prerequisites: Audio Video Production I

Required Course Materials: 16GB Class 10 SD card, 500GB or higher portable hard drive, and headphones.

Certification Possibility & Required Fees: OSHA General (\$25)

CTSO Membership opportunity: **TSA- Technology Student Association- Dues \$25 per year**

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and postproduction products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills. This course may be implemented in an audio format or a format with both audio and video. The major publications for this course are KCBY shows.

There is no level-down option for this course.

What's Next? Practicum in Audio/Video Production (KCBY)

PRACTICUM IN AUDIO/VIDEO PRODUCTION (KCBY)

7122Y (7122A and B) KCBY

Grades: 12 Level: 4 Credit: 2 (2 periods)

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

Prerequisites: Audio/Video Production II / Audio/Video Production II Lab


Certification Possibility & Required Fees: Adobe ACA Premiere Pro (\$25)

Must be able to provide transportation for off campus Practicum Experiences

CTSO Membership opportunity: **TSA- Technology Student Association- Dues \$25 per year**

Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

There is no level-down option for this course.

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Arts, Audio/Video Technology, and Communications	Design and Multimedia Arts (Creative Design)	Principles of Arts, Audio/Video Technology, & Communications	Graphic Design & Illustration I- Creative Design	Digital Media	Digital Art and Animation OR Career Prep I Work-Based	<ul style="list-style-type: none"> • ACA Photoshop • OSHA General

GRAPHIC DESIGN AND ILLUSTRATION I

7101Y (7101 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Recommended prerequisites: Principles of Arts, Audio/Video Technology, and Communications or Art I

CTSO Membership opportunity: TSA- Technology Student Association- Dues \$25 per year

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, learners will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will use a variety of software programs from the Adobe Creative Suite to online sites and apps to support and develop creativity and problem solving. Graphic Design will focus your imagination and give you valuable skills to use in school, on the job and for the rest of your life.

What's Next? Digital Media

DIGITAL MEDIA

7221Y (7221 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will focus on creating and editing animations, videos, photos, graphics and web pages. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

What's Next? Digital Art and Animation or Career Prep I

DIGITAL ART AND ANIMATION

7114 Y (7114 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Digital Art and Animation consists of computer images and animations created with digital imaging software. Digital Art and Animation has applications in many careers, including graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. Students in this course will produce various real-world projects and animations. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

CAREER PREPARATION I Work-Based

7910Y (7910 A and B)

Grade: 11-12 Level: 2 Credit: 2

Certification Possibility & Required Fees: OSHA- General (\$25)


CTSO Membership opportunity: DECA- Marketing Education Students Association- \$25 Dues

Additional Requirements: Students are required to have paid employment of an average of 15 hours per week by the end of the **second week of class and to maintain that employment until the end of the school year.**

Must be able to provide your own transportation for off campus Practicum Experiences.

Prerequisite: None

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Arts, Audio/Video Technology, and Communications	Design and Multimedia Arts (Round-Up)	Principles of Arts, Audio/Video Technology, & Communications	Graphic Design & Illustration I- Roundup	Graphic Design & Illustration II / Graphic Design & Illustration II Lab- Roundup	Practicum in Graphic Design & Illustration- Roundup	<ul style="list-style-type: none"> • ACA Photoshop • OSHA General

GRAPHIC DESIGN AND ILLUSTRATION I (Round-Up)

7127Y (7127 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Recommended prerequisites: Principles of Arts, Audio/Video Technology, and Communications or Art I

CTSO Membership opportunity: TSA- Technology Student Association- Dues \$25 per year

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, learners will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will use a variety of software programs from the Adobe Creative Suite to online sites and apps to support and develop creativity and problem solving. Graphic Design will focus your imagination and give you valuable skills to use in school, on the job and for the rest of your life. **Round-Up** learners will work on the Coppell High School publication, The Round-Up, which is published annually in the spring.

What's Next? Graphic Design and Illustration II / Graphic Design and Illustration II Lab (Round-Up)

GRAPHIC DESIGN AND ILLUSTRATION II / GRAPHIC DESIGN AND ILLUSTRATION II LAB (Round-Up)

7129Y (7129 A and B)

Grade: 11-12 Level: 3 Credit: 2 (2 periods)

(This course is a prerequisite for Practicum in Graphic Design & Illustration- Roundup)

Prerequisite: Graphic Design and Illustration I- Roundup

Certification Possibility & Required Fees: OSHA General (\$25)

CTSO Membership opportunity: TSA- Technology Student Association- Dues \$25 per year

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. **Round-Up** learners will work on the Coppell High School publication. The Round-Up, which is published annually in the spring.

There is no level-down option for this course.

What's Next? Practicum in Graphic Design and Illustration (Round-Up)

PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION (Round-Up)

7130Y (7130 A and B)

Grade: 12 Level: 3 Credit: 2 (2 periods)

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES


Prerequisite: Graphic Design and Illustration II / Graphic Design and Illustration II Lab- Round-Up

Certification Possibility & Required Fees: Adobe ACA Photoshop (\$25)

Must be able to provide transportation for off campus Practicum Experiences.

CTSO Membership opportunity: TSA- Technology Student Association- Dues \$25 per year

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. **Round-Up** learners will work on the Coppell High School publication. The Round-Up, which is published annually in the spring. **There is no level-down option for this course.**

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Arts, Audio/Video Technology, and Communications	Design and Multimedia Arts (Sidekick)	Principles of Arts, Audio/Video Technology, & Communications	Graphic Design & Illustration I- Sidekick	Graphic Design & Illustration II / Graphic Design & Illustration II Lab- Sidekick	Practicum in Graphic Design & Illustration- Sidekick	<ul style="list-style-type: none"> • ACA Photoshop • OSHA General

GRAPHIC DESIGN AND ILLUSTRATION I (Sidekick)

7140Y (7140 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Recommended prerequisites: Principles of Arts, Audio/Video Technology, and Communications or Art I

CTSO Membership opportunity: TSA- Technology Student Association- Dues \$25 per year

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, learners will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will use a variety of software programs from the Adobe Creative Suite to online sites and apps to support and develop creativity and problem solving. Graphic Design will focus your imagination and give you valuable skills to use in school, on the job and for the rest of your life. **Sidekick/Coppell Student Media** learners receive hands-on experience for what life is like as a college or professional journalist. CoppellStudentMedia.com is updated each school day and serves as the primary source for Sidekick staffers to present news to the campus and community in addition to six printed issues each school year. The major publication of this course are Sidekick newspapers and Coppell Student Media online content.

What's Next? Graphic Design and Illustration II / Graphic Design and Illustration II Lab (Sidekick)

GRAPHIC DESIGN AND ILLUSTRATION II / GRAPHIC DESIGN AND ILLUSTRATION II LAB (Sidekick)

7142Y (7142 A and B)

Grade: 11-12 Level: 3 Credit: 2 (2 periods)

(This course is a prerequisite for Practicum in Graphic Design & Illustration- Sidekick)

Prerequisite: Graphic Design and Illustration I- Sidekick

Certification Possibility & Required Fees: OSHA General (\$25)

CTSO Membership opportunity: TSA- Technology Student Association- Dues \$25 per year

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. **Sidekick/Coppell Student Media** learners receive hands-on experience for what life is like as a college or professional journalist. CoppellStudentMedia.com is updated each school day and serves as the primary source for Sidekick staffers to present news to the campus and community in addition to six printed issues each school year. The major publication of this course are Sidekick newspapers and Coppell Student Media online content.

There is no level-down option for this course.

What's Next? Practicum in Graphic Design and Illustration (Sidekick)

PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION (Sidekick)

7143Y (7143 A and B)

Grade: 12 Level: 3 Credit: 2 (2 periods)

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

Prerequisite: Graphic Design and Illustration II / Graphic Design and Illustration II Lab- Sidekick


Certification Possibility & Required Fees: Adobe ACA Photoshop (\$25)

Must be able to provide transportation for off campus Practicum Experiences.

CTSO Membership opportunity: TSA- Technology Student Association- Dues \$25 per year

In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. **Sidekick/Coppell Student Media** learners receive hands-on experience for what life is like as a college or professional journalist. CoppellStudentMedia.com is updated each school day and serves as the primary source for Sidekick staffers to present news to the campus and community in addition to six printed issues each school year. The major publication of this course are Sidekick newspapers and Coppell Student Media online content.

There is no level-down option for this course.

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Business Management and Administration	Accounting and Financial Services	Principles of Business, Marketing, & Finance AND/OR Business Information Management I	Business Information Management I OR Money Matters	Money Matters OR Securities and Investments	Securities and Investments OR Career Prep I-Work-Based	<ul style="list-style-type: none"> ● MOS Word & Excel ● MOS PowerPoint & Excel ● OSHA General ● Dual Credit

BUSINESS INFORMATION MANAGEMENT I

7003Y (7003 A and B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisites: None

Certification Possibility & Required Fees: Microsoft MOS Word (\$25) & Microsoft MOS Excel (\$25)

In Business Information Management I, students 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. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

What's Next? Money Matters or Securities and Investments

MONEY MATTERS

7005Y (7005 A and B)

Grade: 10-12 Level: 2 Credit: 1

In Money Matters, students will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocation, risk management, retirement planning, and estate planning.

What's Next? Securities and Investments or Career Prep I Work-Based

SECURITIES AND INVESTMENTS

7006Y (7006 A and B)

Grade: 10-12 Level: 2 Credit: 1

In Securities and Investments, students will understand the laws and regulations to manage business operations and transactions in the securities industry. Students will identify the differences between saving and investing, explore the concept of compounding to increase investment returns, and identify components of SMART goals as related to setting financial goals.

What's Next? Career Prep I Work-Based

CAREER PREPARATION I Work-Based

7910 Y (7910 A and B)

Grade: 11-12 Level: 2 Credit: 2

Certification Possibility & Required Fees: OSHA- General (\$25)


CTSO Membership opportunity: DECA- Marketing Education Students Association- \$25 Dues

Additional Requirements: Students are required to have paid employment of an average of 15 hours per week by the end of the **second week of class and to maintain that employment until the end of the school year.**

Must be able to provide your own transportation for off campus Practicum Experiences.

Prerequisite: None

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Business Management and Administration	Business Management	Principles of Business, Marketing, & Finance	Business Information Management I	Business Information Management II	Business Management	<ul style="list-style-type: none"> ● MOS Word & Excel ● MOS PowerPoint & Excel ● OSHA General ● Dual Credit
		AND/OR	OR	OR	OR	
		Business Information Management I	Business Information Management II	Business Law	Statistics and Business Decision Making	
			OR	OR	OR	
			Business Law	Business Management	Career Prep I-Work-Based	

BUSINESS INFORMATION MANAGEMENT I

7003Y (7003 A and B)

Grade: 9-12 Level: 2 Credit: 1

Prerequisites: None

Certification Possibility & Required Fees: Microsoft MOS Word (\$25) & Microsoft MOS Excel (\$25)

In Business Information Management I, students 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. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

What's Next? Business Information Management II or Business Law

BUSINESS INFORMATION MANAGEMENT II

7004Y (7004 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisites: Business Information Management I

Certification Possibility & Required Fees: Microsoft MOS PowerPoint (\$25) & Microsoft MOS Excel (\$25)

In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

What's Next? Business Law, Statistics and Business Decision Making, or Career Prep I-Work-Based

BUSINESS LAW

7008Y (7008A and B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisites: None

CTSO Membership opportunity: DECA- Marketing Education Students Association- \$25 Dues

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

What's Next? Business Information Management II, Statistics and Business Decision Making, or Career Prep I-Work-Based

BUSINESS MANAGEMENT

7002Y (7002 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

CTSO Membership opportunity: DECA- Marketing Education Students Association- \$25 Dues

Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

North Lake Dual Credit option: BMGT 1327- Principles of Management

What's Next? Statistics and Business Decision Making, or Career Prep I Work-Based

STATISTICS AND BUSINESS DECISION MAKING

2452Y (2452 A and B)

Grade: 11-12

Level: 2

Credit: 1

Prerequisite: Algebra II

Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of the methods used to collect data to ensure conclusions are valid.

What's Next? Career Prep I-Work-Based Learning

CAREER PREPARATION I Work-Based

7910 Y (7910 A and B)

Grade: 11-12

Level: 2

Credit: 2

Certification Possibility & Required Fees: OSHA- General (\$25)


CTSO Membership opportunity: DECA- Marketing Education Students Association- \$25 Dues

Additional Requirements: Students are required to have paid employment of an average of 15 hours per week by the end of the **second** week of class and to maintain that employment until the end of the school year.

Must be able to provide your own transportation for off campus Practicum Experiences.

Prerequisite: None

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

BUSINESS & INDUSTRY ENDORSEMENT						
Cluster	Program of Study	9th Grade	10th Grade	11th Grade	12th Grade	Certification Possibilities
 Business Management and Administration	Marketing & Sales	Principles of Business, Marketing, & Finance	Sports and Entertainment Marketing I AND Sports and Entertainment Marketing II	Advertising AND Social Media Marketing	Marketing OR Statistics & Business Decision Making OR Career Prep I Work-Based	<ul style="list-style-type: none">Google Analytics

SPORTS & ENTERTAINMENT MARKETING I

7018

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisites: None

Recommended prerequisites: Principles of Business, Marketing, and Finance

Recommend taking Sports and Entertainment Marketing II in the opposite semester.

This project based course will help learners develop a thorough understanding of the marketing concepts and theories that apply to sports and entertainment events. This course encompasses the following topics: basic marketing strategies, target marketing and segmentation sponsorship, event marketing promotion planning and implementation of sports marketing plans, and event evaluation and management techniques. Learners will also develop and fine tune their presentation and communication skills as they work on special projects with local sports and entertainment organizations. Learners have the opportunity to network with sports industry professionals through special field trips and sports career days. Learners are encouraged to develop important leadership skills through DECA, an association of marketing learners.

What's Next? Sports and Entertainment Marketing II

SPORTS & ENTERTAINMENT MARKETING II

7020

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisites: Sports and Entertainment Marketing I

Recommend taking Sports and Entertainment Marketing I in the opposite semester.

Sports and Entertainment Marketing II is an advanced course 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. Students will investigate the components of branding, sponsorships and endorsements, as well as promotion plans needed for sports and entertainment events. The course also supports career development skills and explores career options. Academic skills (mathematics, science, English, and history/social science) related to the content are a part of this course.

What's Next? Advertising

ADVERTISING

7012

Grade: 10-12

Level: 2

Credit: 0.5

Recommend taking Social Media Marketing in the opposite semester.

Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

What's Next? Social Media Marketing

SOCIAL MEDIA MARKETING

7019

Grade: 10-12

Level: 2

Credit: 0.5

Prerequisite: None

Recommended prerequisites: Principles of Business, Marketing, and Finance

Recommend taking Advertising in the opposite semester.

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

What's Next? Marketing

MARKETING

7022Y (7022 A and B)

Grade: 10-12

Level: 2

Credit: 1

This course is intended to convey the key elements of marketing and the role of Marketing in the organization and society. Marketing is the key channel through which a company interacts with its market(s), and thus is the primary source of revenues and profits. The class will cover the structure, functions and methods employed by marketing in discovering and translating the consumer wants and needs into product and service specifications and then transferring these goods and services from producers to consumers or users.

CAREER PREPARATION I Work-Based

7910Y (7910 A and B)

Grade: 11-12

Level: 2

Credit: 2

Certification Possibility & Required Fees: OSHA- General (\$25)


CTSO Membership opportunity: DECA- Marketing Education Students Association- \$25 Dues

Additional Requirements: Students are required to have paid employment of an average of 15 hours per week by the end of the **second** week of class and to maintain that employment until the end of the school year.

Must be able to provide your own transportation for off campus Practicum Experiences.

Prerequisite: None

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

PUBLIC SERVICES ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Education and Training	Education / Training	Principles of Education & Training	Human Growth & Development	Instructional Practices in Education & Training OR Dual Credit-Brookhaven CC- Child Development Associate Training I- CDEC 1417	Practicum in Education & Training OR Dual Credit Brookhaven CC- Child Development Associate Training II- CDEC 2422	<ul style="list-style-type: none">• CPR-BLS• OSHA General• Dual Credit

HUMAN GROWTH AND DEVELOPMENT

7502Y (7502 A and B)

Grade: 10-12

Level: 2

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Education and Training or Principles of Health Science

CTSO Membership opportunity: FCCLA- Family Career & Community Leaders- \$25 Dues

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.

What's Next? Instructional Practices in Education & Training or [Dual Credit-Brookhaven CC- Child Development Associate Training I- CDEC 1417](#)

INSTRUCTIONAL PRACTICES

7501Y (7501 A and B)

Grade: 11-12

Level: 2

Credit: 2 (2 periods)

(This is a DOUBLE BLOCKED COURSE- 2 periods)

Prerequisite: Principles of Education and Training and Human Growth and Development

Certification Possibility & Required Fees: AHA- BLS: CPR / First Aid- \$10

CTSO Membership opportunity: FCCLA- Family Career & Community Leaders- \$25 Dues

Must be able to provide transportation for off campus experiences

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

What's Next? Practicum in Education and Training or [Brookhaven Dual Credit Option: Child Development Associate Training I- CDEC 1417](#)

PRACTICUM IN EDUCATION AND TRAINING

7503Y (7503 A and B)

Grade: 12

Level: 3

Credit: 2 (2 periods)

ENROLLMENT IS LIMITED

(This is a DOUBLE BLOCKED COURSE- 2 periods)

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

Prerequisite: Instructional Practices


Certification Possibility & Required Fees: OSHA 10-Hour General Industry (\$25)

CTSO Membership opportunity: FCCLA- Family Career & Community Leaders- \$25 Dues

Must be able to provide your own transportation for off campus Practicum Experiences.

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary, middle school, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

There is no level-down option for this course.

PUBLIC SERVICES ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Health Science	Healthcare Therapeutic-Emergency Medical Technician	Principles of Health Science	Medical Terminology OR Dual Credit-Brookhaven CC-Medical Terminology-MDCA 1313 <i>*Only offered in Fall/Spring Term</i>	Health Science Theory AND Anatomy & Physiology	Extended Practicum in Health Science Extended-Emergency Medical Technician- Dual Credit	<ul style="list-style-type: none"> • OSHA Health Care • CPR-BLS • Certified Patient Care Technician • Emergency Medical Technician • Dual Credit

Ⓢ PRINCIPLES OF HEALTH SCIENCE

7401Y (7401 A and B)

Grade: 9-10

Level: 2

Credit: 1 (+.5 Professional Communications Credit)

Prerequisite: None

Certification Possibility & Required Fees: OSHA 10-Hour Healthcare (\$25), AHA- BLS: CPR / First Aid- \$10

CTSO Membership opportunity: HOSA - Future Health Professionals - \$25 Dues

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is part of the Healthcare Therapeutic Program of Study and is designed for learners interested in pursuing a career in the health science industry. Learners are required to learn reasoning skills, think critically, make decisions, problem solve and communicate effectively. Learners will identify employment opportunities, technology, and safety requirements of each system. It is important to plan to follow the recommended health science courses in order to qualify for junior/senior year certification courses and medical rotations.

What's Next? Medical Terminology

MEDICAL TERMINOLOGY

7420Y (7420 A and B)

Grade: 10-12

Level: 2

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Health Science

CTSO Membership opportunity: HOSA - Future Health Professionals - \$25 Dues

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Brookhaven Dual Credit option: Medical Terminology- MDCA 1313

What's Next? Health Science Theory and Anatomy and Physiology

HEALTH SCIENCE THEORY

7402Y (7402 A and B)

Grade: 11-12

Level: 3

Credit: 1

(Prerequisite for Practicum in Health Science)

Prerequisites: Biology, Principles of Health Science & Medical Terminology

REQUIRED Corequisite: Anatomy and Physiology

Certification Possibility & Required Fees: AHA- BLS: CPR / First Aid- \$10, NHA Patient Care Technician Exam- \$155, Scrubs- \$60, Test-Prep Package- \$65 & Recommended- \$75 for stethoscope

CTSO Membership opportunity: HOSA - Future Health Professionals- \$25 Dues

This course is designed for the development of advanced knowledge and skills related to a wide variety of health careers. Learners will employ hands-on experiences for continued knowledge and skill development in the field of Health Science. Learners are required to learn reasoning skills, think critically, make decisions, problem solve and communicate effectively. This course prepares the learner for the transition to clinical or work-based practicums in health care. Learners may have some experiences at a medical facility. Students will take the Patient Care Technician (CPCT/A) certification exam at the end of the course.

There is no level-down option for this course.

What's Next? Extended Practicum in Health Science (EMT) and Anatomy and Physiology

Ⓢ HONORS ANATOMY AND PHYSIOLOGY

3820Y (3820A and B)

Grade: 11-12

Level: 3

Credit: 1

Prerequisite: Biology and a second science credit

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

Learners in Anatomy and Physiology of Human Systems study the structures and functions of the human body systems and learn how to maintain health and wellness. This course includes at least 40% laboratory investigation using scientific inquiry and dissections.

There is no level-down option for this course.

What's Next? Extended Practicum in Health Science (EMT)

EXTENDED PRACTICUM IN HEALTH SCIENCE (Emergency Medical Technician)

7408DY (7408 DA and DB)

Grade: 12 Level: 3 Credit: 3 (3 Hours Dual Credit offered at CHS) (2 periods)

ENROLLMENT IS LIMITED

72 HOURS OF CLINICAL ROTATIONS OUTSIDE OF THE SCHOOL DAY ARE REQUIRED

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

Prerequisite: Completion of ALL Health Science courses for the Emergency Medical Technician Program of Study.

Certification Possibility & Required Fees: NREMT Exam- \$100 (EMT learners must be at least 18 years of age to take the certification exam), \$250 (Uniform- shirt & pants, Stethoscope, College Textbook)

Additional Course Requirements: PRIOR to the start of school- TB Skin Test, Flu Shot, Current Drug Screening, Current Criminal Background Check


EMT Certification requires 72 hours of clinical rotations.

Must be able to provide transportation for off campus Practicum Experiences.

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

The Practicum in Health Science is designed to give students practical application of previously studied knowledge to obtain the NREMT for **Emergency Medical Technician** Exam. Practicum students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Learners should recognize that quality health care depends on the ability to work well with others. Clinical students recognize the employment opportunities, technology, and safety requirements of each system. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities.

There is no level-down option for this course.

PUBLIC SERVICES ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Health Science	Healthcare Therapeutic-Pharmacy Technician	Principles of Health Science	Medical Terminology Dual Credit- Brookhaven CC- Medical Terminology- MDCA 1313 <i>*Only offered in Fall/Spring Term</i>	Health Science Theory AND Anatomy & Physiology	Practicum in Health Science- Pharmacy Technician	<ul style="list-style-type: none"> • OSHA Health Care • Certified Patient Care Technician • Certified Pharmacy Technician • CPR-BLS • Dual Credit

PRINCIPLES OF HEALTH SCIENCE

7401Y (7401 A and B)

Grade: 9-10 Level: 2 Credit: 1 (+.5 Professional Communications Credit)

Prerequisite: None

Certification Possibility & Required Fees: OSHA 10-Hour- Healthcare (\$25), AHA- BLS: CPR / First Aid (\$10)

CTSO Membership opportunity: HOSA - Future Health Professionals - \$25 Dues

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is part of the Healthcare Therapeutic Program of Study and is designed for learners interested in pursuing a career in the health science industry. Learners are required to learn reasoning skills, think critically, make decisions, problem solve and communicate effectively. Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services and biotechnology research and development systems of the healthcare industry. Learners will identify employment opportunities, technology, and safety requirements of each system. It is important to plan to follow the recommended health science courses in order to qualify for junior/senior year certification courses and medical rotations.

What's Next? Medical Terminology

MEDICAL TERMINOLOGY

7420Y (7420 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Health Science

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Brookhaven Dual Credit option: Medical Terminology- MDCA 1313

What's Next? Health Science Theory

HEALTH SCIENCE THEORY

7403Y (7403 A and B)

Grade: 11-12 Level: 3 Credit: 1

(This course is a prerequisite for Practicum in Health Science)

Prerequisites: Biology, Principles of Health Science & Medical Terminology

Recommended Corequisite: Anatomy and Physiology

Certification Possibility & Required Fees: AHA- BLS: CPR / First Aid- \$10, NHA Patient Care Technician Exam- CPTT/A (\$155), \$125-

Scrubs and test-prep package, and recommended- \$75 for stethoscope

CTSO Membership opportunity: HOSA - Future Health Professionals - \$25 Dues

This course is designed for the development of advanced knowledge and skills related to a wide variety of health careers. Learners will employ hands-on experiences for continued knowledge and skill development in the field of Health Science. Learners are required to learn reasoning skills, think critically, make decisions, problem solve and communicate effectively. This course prepares the learner for the transition to clinical or work-based practicums in health care. Learners may have some experiences at a medical facility. Students will take the Patient Care Technician (CPCT/A) certification exam at the end of the course.

What's Next? Anatomy and Physiology and Practicum in Health Science (Pharmacy Technician)

@HONORS ANATOMY AND PHYSIOLOGY

3820Y (3820A and B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Biology and a second science credit

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

Learners in Anatomy and Physiology of Human Systems study the structures and functions of the human body systems and learn how to maintain health and wellness. This course includes at least 40% laboratory investigation using scientific inquiry and dissections.

What's Next? Practicum in Health Science

PRACTICUM IN HEALTH SCIENCE (PHARMACY TECHNICIAN)

7409Y (7409 A and B)

Grade: 12 Level: 4 Credit: 2 (2 periods)

ENROLLMENT IS LIMITED

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES


Prerequisites: Completion of ALL Program of Study courses.

Certification Possibility & Required Fees: \$200 Test-Prep Package, \$60 Uniform- scrubs (if not already purchased),AHA- BLS: CPR / First Aid- \$10, NHA ExCEPT for Pharmacy Technician Exam- \$115

Must be able to provide transportation for off campus Practicum Experiences.

The Practicum in Health Science is designed to give students practical application of previously studied knowledge and skills and the knowledge and skills needed for the NHA ExCEPT Exam to obtain a Pharmacy Technician certification. Practicum students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Learners should recognize that quality health care depends on the ability to work well with others. Clinical students recognize the employment opportunities, technology, and safety requirements of each system. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities.

There is no level-down option for this course.

PUBLIC SERVICES ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Health Science	Healthcare Therapeutic-Medical Assistant	Principles of Health Science	Medical Terminology Dual Credit- Brookhaven CC- Medical Terminology- MDCA 1313	Health Science Theory AND Anatomy & Physiology	Practicum in Health Science-Medical Assistant	<ul style="list-style-type: none"> • OSHA Health Care • Certified Patient Care Technician • CPR-BLS • Dual Credit

PRINCIPLES OF HEALTH SCIENCE

7401Y (7401 A and B)

Grade: 9-10

Level: 2

Credit: 1 (+.5 Professional Communications Credit)

Prerequisite: None

Certification Possibility & Required Fees: OSHA 10-Hour- Healthcare (\$25), AHA- BLS: CPR / First Aid (\$10)

CTSO Membership opportunity: HOSA - Future Health Professionals - \$25 Dues

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. This course is part of the Healthcare Therapeutic Program of Study and is designed for learners interested in pursuing a career in the health science industry. Learners are required to learn reasoning skills, think critically, make decisions, problem solve and communicate effectively. Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services and biotechnology research and development systems of the healthcare industry. Learners will identify employment opportunities, technology, and safety requirements of each system. It is important to plan to follow the recommended health science courses in order to qualify for junior/senior year certification courses and medical rotations.

What's Next? Medical Terminology

MEDICAL TERMINOLOGY

7420Y (7420 A and B)

Grade: 10-12

Level: 2

Credit: 1

Prerequisite: None

Recommended Prerequisite: Principles of Health Science

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Brookhaven Dual Credit option: Medical Terminology- MDCA 1313

What's Next? Health Science Theory

HEALTH SCIENCE THEORY

7403Y (7403 A and B)

Grade: 11-12

Level: 3

Credit: 1

(This course is a prerequisite for Practicum in Health Science)

Prerequisites: Biology, Principles of Health Science & Medical Terminology

Recommended Corequisite: Anatomy and Physiology

Certification Possibility & Required Fees: AHA- BLS: CPR / First Aid- \$10, NHA Patient Care Technician Exam- CPTT/A (\$155), \$125- Scrubs and test-prep package, and recommended- \$75 for stethoscope

CTSO Membership opportunity: HOSA - Future Health Professionals - \$25 Dues

This course is designed for the development of advanced knowledge and skills related to a wide variety of health careers. Learners will employ hands-on experiences for continued knowledge and skill development in the field of Health Science. Learners are required to learn reasoning skills, think critically, make decisions, problem solve and communicate effectively. This course prepares the learner for the transition to clinical or work-based practicums in health care. Learners may have some experiences at a medical facility. Students will take the Patient Care Technician (CPCT/A) certification exam at the end of the course.

What's Next? Anatomy and Physiology and Practicum in Health Science (Medical Assistant)

@HONORS ANATOMY AND PHYSIOLOGY

3820Y (3820A and B)

Grade: 11-12

Level: 3

Credit: 1

Prerequisite: Biology and a second science credit

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

Learners in Anatomy and Physiology of Human Systems study the structures and functions of the human body systems and learn how to maintain health and wellness. This course includes at least 40% laboratory investigation using scientific inquiry and dissections.

What's Next? Practicum in Health Science (Medical Assistant)

PRACTICUM IN HEALTH SCIENCE (MEDICAL ASSISTANT)

7404Y (7409 A and B)

Grade: 12 Level: 4 Credit: 2 (2 periods)

ENROLLMENT IS LIMITED

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES


Prerequisites: Completion of ALL Program of Study courses.

Certification Possibility & Required Fees: \$200 Test-Prep Package, \$60 Uniform- scrubs (if not already purchased),AHA- BLS: CPR / First Aid- \$10, NHA ExCEPT for Pharmacy Technician Exam- \$115

Must be able to provide transportation for off campus Practicum Experiences.

The Practicum in Health Science is designed to give students practical application of previously studied knowledge and skills and the knowledge and skills needed for the NHA ExCEPT Exam to obtain a Pharmacy Technician certification. Practicum students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Learners should recognize that quality health care depends on the ability to work well with others. Clinical students recognize the employment opportunities, technology, and safety requirements of each system. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities.

There is no level-down option for this course.

PUBLIC SERVICES ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Health Science	Healthcare Therapeutic Sports Medicine	Principles of Health Science- Sports Medicine I	Principles of Health Science- Sports Medicine I OR Project Based Research- Sports Medicine II	Health Science Theory/Health Science Clinical- Sports Medicine III AND Anatomy & Physiology	Practicum in Health Science- Sports Medicine IV	<ul style="list-style-type: none"> • CPR-BLS • OSHA Health Care • CPR-BLS Instructor • Certified Personal Trainer

*******For Class of 2022 and Class of 2023 Only*******

HEALTH SCIENCE THEORY / HEALTH SCIENCE CLINICAL (Sports Medicine III)

7413Y (7413 A and B)

Grade: 11-12 Level: 3 Credit: 2 (2 periods)

Prerequisites: Sports Medicine I & II

Recommended Corequisite: Anatomy and Physiology

Certification Possibility & Required Fees: AHA BLS CPR/AED- \$10

Required PRIOR to the start of school: TB Skin Test, Flu Shot, Current Drug Screening, Current Criminal Background Check

Must be able to provide your own transportation for off campus Practicum Experiences.

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

In the Healthcare Therapeutic Program of Study this class will serve as an introduction for learners that have an interest in athletic training, sports medicine or physical therapy. Learners are required to apply skills learned in class while participating as a member of the Sports Medicine learner staff at different sporting events and practices. Some of the topics covered will be an overview of the profession of athletic training, basic anatomy and basic exercise physiology, injury recognition and prevention and rehabilitation, protective taping and bracing and CPR/First Aid. Learners will have an opportunity to practice all skills through practical laboratory sessions.

What's Next? Anatomy and Physiology and Practicum in Health Science (Sports Medicine)

@HONORS ANATOMY AND PHYSIOLOGY

3820Y (3820A and B)

Grade: 11-12 Level: 3 Credit: 1

(this course is required for Practicum in Health Science- Sports Medicine)

Prerequisite: Biology and another second science credit

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

Learners in Anatomy and Physiology of Human Systems study the structures and functions of the human body systems and learn how to maintain health and wellness. This course includes at least 40% laboratory investigation using scientific inquiry and dissections.

There is no level-down option for this course

What's Next? Practicum in Health Science (Sports Medicine)

PRACTICUM IN HEALTH SCIENCE (Sports Medicine)

7410Y (7410 A and B)

Grade: 12

Level: 4

Credit: 2 (2 periods)

ENROLLMENT IS LIMITED

INSTRUCTOR APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

Prerequisites: Principles of Health Science (Sports Medicine I), Project-Based Research (Sports Medicine II), Health Science Theory/Clinical (Sports Medicine III), Biology, Anatomy & Physiology


Recommended Prerequisites: Medical Terminology

CTSO Membership opportunity: HOSA - Health Occupations Students of America- \$25 Dues

Certification Possibility & Required Fees: ACSM Certified Personal Trainer Exam- \$279, ACSM Membership Fee- \$10, CPT Certification Resources, Guidelines, & Review Materials \$180

Must be able to provide transportation for off campus Practicum Experiences.

In Sports Medicine IV this class requires working practice either before or after school and scheduled athletic events (which may include some weekends and holidays). This course actually starts in the first week of August before the football, volleyball, and cross-country teams meet. August practice sessions are mandatory. This is a course for third year sports medicine students. Students will participate in practices and games as part of the sports medicine student staff.

PUBLIC SERVICES ENDORSEMENT – 3 or more courses for 4 or more credits						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 Health Science	Exercise Science and Wellness-Sports Medicine	Principles of Exercise Science and Wellness	Kinesiology I	Kinesiology II AND Anatomy & Physiology	Career Prep I- Exercise Science and Wellness	<ul style="list-style-type: none">• CPR-BLS• Instructor Certified Personal Trainer

*******For Class of 2024 and Class of 2025 Only*******

PRINCIPLES OF EXERCISE SCIENCE AND WELLNESS

7450Y (7450 A and B)

Grade: 9-10

Level: 2

Credit: 1

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards.

What's Next? Kinesiology I

KINESIOLOGY I

7451Y (7451 A and B)

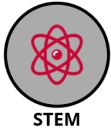
Grade: 10

Level: 2

Credit: 1

This course is designed to introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in Kinesiology I that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam such as a certified personal trainer.

What's Next? Kinesiology II

STEM ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 STEM	Engineering	Principles of Applied Engineering	Engineering Design & Presentation	Engineering Design and Problem Solving OR Practicum in STEM I	Practicum in STEM I OR Practicum in STEM II	<ul style="list-style-type: none"> • OSHA General • Certified SolidWorks Associate

ENGINEERING DESIGN AND PRESENTATION I

7307Y (7307 A and B)

Grade: 10-12 Level: 2 Credit: 1

Prerequisites: Algebra I

Recommended Prerequisites: Principles of Applied Engineering

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

What's Next? Engineering Design and Problem Solving

ENGINEERING DESIGN AND PROBLEM SOLVING

3702Y (3702 A and B)

Grade: 11-12 Level: 2 Credit: 1

Prerequisites: Algebra I and Geometry

Recommended Prerequisites: Two STEM career cluster credits

Note: This technology applications course satisfies a math credit requirement for students on the Foundation High School Program.

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

The Engineering Design and Problem-Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines.

What's Next? Practicum in STEM I

PRACTICUM IN STEM I

7303Y (7303 A and B)

Grade: 11-12 Level: 3 Credit: 2 (2 periods)

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

Prerequisites: Algebra I and Geometry

Recommended Prerequisites: Two STEM career cluster credits

Certification Possibility & Required Fees: Certified SolidWorks Associate (CSWA)- \$25

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Need to be able to provide transportation for off campus Practicum Experiences

Practicum in STEM is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This course is the senior capstone-engineering project. Learners will participate in up to two distinct projects over the course of the year as they demonstrate the skills acquired over the previous three years. In some cases, the class to allow learners the widest choices in materials and options will not provide project supplies. Current or past participation in this course is required for membership on the Coppell High School Motorsports Team. Students are encouraged to participate in the Technology Student Association and the related competitions.

There is no level-down option for this course.

What's Next? Practicum in STEM II

PRACTICUM IN STEM II

7304Y (7304 A and B)

Grades: 12 Level: 3 Credit: 2 (2 periods)

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

Prerequisites: Completion of ALL Program of Study courses.

Certification Possibility & Required Fees: Certified SolidWorks Professional Associate (CSWP)- \$25

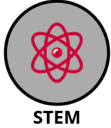
(Certified SolidWorks Associate- CSWA- \$25, if not earned in Practicum in STEM)

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Need to be able to provide transportation for off campus Practicum Experiences

Practicum in STEM II is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. This course is the senior capstone-engineering project. Learners will participate in up to two distinct projects over the course of the year as they demonstrate the skills acquired over the previous three years. In some cases, the class to allow learners the widest choices in materials and options will not provide project supplies. Students are encouraged to participate in the Technology Student Association and the related competitions.

There is no level-down option for this course.

STEM ENDORSEMENT						
Cluster	Program of Study	9 th Grade	10 th Grade	11 th Grade	12 th Grade	Certification Possibilities
 STEM	Programming and Software Development	Fundamentals of Computer Science OR Computer Science I	Computer Science I OR Computer Science II OR AP Computer Science Principles	Computer Science II OR AP Computer Science Principles OR AP Computer Science A	AP Computer Science A OR Practicum in Information Technology OR Career Prep I	<ul style="list-style-type: none">• MTA Intro to Python• MTA Software Development Fundamentals C#• MTA Cloud Fundamentals• MTA Mobility & Devices Fundamentals• OSHA General

COMPUTER SCIENCE I

7201Y (7201 A and B)

Grade: 9-12

Level: 2

Credit: 1

Prerequisite: Algebra I

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task

requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems.

By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the

results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information

fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

What's Next? Computer Science II or AP Computer Science Principles

AP COMPUTER SCIENCE PRINCIPLES

7204Y (7204 A and B)

Grade: 10-12

Level: 4

Credit: 1

Prerequisite: None

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

This course 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. The goal of this course is to broaden your understanding of computer science for use in a diversity of majors and careers. In contrast, the AP Computer Science A

course goal is to develop skills for future study or a career in computer science or other STEM fields.

There is no level-down option for this course.

COMPUTER SCIENCE II

7202Y (7202 A and B)

Grade: 10-12

Level: 2

Credit: 1

Prerequisite: Algebra I and Computer Science I

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task

requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and Concepts.

What's Next? AP Computer Science

@AP COMPUTER SCIENCE -MATH / AP COMPUTER SCIENCE -LOTE

7203Y (7203 A and B) - a second .5 credit (7205 A and B) will be added to the student's transcript at the end of each semester upon successful completion of 7203 A and B

Grade: 11-12 Level: 4 Credit: 2 (1 credit is a numerical grade & 1 credit is Pass/Fail)

Prerequisite: Algebra I

Recommended Prerequisite: Computer Science I

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Note: This technology applications course satisfies a math credit requirement for students on the Foundation High School Program.

This class will provide you the elements of computer hardware and software and their roles in a computer system at an AP level. You will gain an understanding of the concept of an algorithm (a step-by-step sequence of instructions) and be able to implement algorithms using if-else statement and loops. You will learn the key OOP (Object-Oriented Programming) concepts: classes and objects, inheritance and event-driven computations.

You will also learn common sorting and searching algorithms: Sequential Search and Binary Search, and Selection Sort, Insertion Sort and Merge sort, one- and two-dimensional arrays, Arraylists and many more. All of the above allow you to acquire skills in designing software solutions to problems from various application areas. This course will also prepare you to take the AP Computer Science exam in May. Please note that this AP curriculum is taught at a college level.

There is no level-down option for this course.

What's Next? Practicum in Information Technology

PRACTICUM IN INFORMATION TECHNOLOGY

7223Y (7223 A and B)

Grade: 11-12 Level: 3 Credit: 2

PROGRAM QUALIFICATION FORM & PROGRAM TEAM APPROVAL REQUIRED FOR ALL SENIOR LEVEL / PRACTICUM COURSES

(This course is a prerequisite for Practicum in Information Technology/Extended Practicum in Information Technology)

Prerequisite: At least 2 Program of Study courses

Certification Possibility & Required Fees: MTA Database Fundamentals (\$25)

Must be able to provide transportation for off campus Practicum Experiences.

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

CAREER PREPARATION I

7910Y (7910 A and B)

Grade: 11-12 Level: 2 Credit: 2

Certification Possibility & Required Fees: OSHA- General (\$25)

CTSO Membership opportunity: TSA- Technology Student Association- \$25 Dues

Additional Requirements: Students are required to have paid employment of an average of 15 hours per week by the end of the **second week of class and to maintain that employment until the end of the school year.**

Must be able to provide your own transportation for off campus Practicum Experiences.

Prerequisite: None

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

ENRICHMENT CTE ELECTIVES

Courses listed below are encouraged to be taken in addition to programs of study courses. Grade level requirements and prerequisites still apply.

HONORS ANATOMY AND PHYSIOLOGY

3820Y (3820A and B)

Grade: 11-12 **Level: 3** **Credit: 1**

Prerequisite: Biology and a second science credit

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

Learners in Anatomy and Physiology of Human Systems study the structures and functions of the human body systems and learn how to maintain health and wellness. This course includes at least 40% laboratory investigation using scientific inquiry and dissections.

BUSINESS INFORMATION MANAGEMENT I

7003Y (7003 A and B)

Grade: 9-12 **Level: 2** **Credit: 1**

Prerequisites: None

This course is highly recommended for ALL Career and Technical Education (CTE) Programs of Study.

Certification Possibility & Required Fees: Microsoft MOS Word (\$25) & Microsoft MOS Excel (\$25)

In Business Information Management I, students 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. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

BUSINESS INFORMATION MANAGEMENT II

7004Y (7004 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisites: Business Information Management I

This course is highly recommended for ALL Career and Technical Education (CTE) Programs of Study

Certification Possibility & Required Fees: Microsoft MOS PowerPoint (\$25) & Microsoft MOS Excel (\$25)

In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

DIGITAL MEDIA

7221Y (7221 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

Students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will focus on creating and editing animations, videos, photos, graphics and web pages. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

FORENSIC SCIENCE

3807Y (3807 A and B)

Grade: 11-12 **Level: 2** **Credit: 1**

Prerequisite: Biology and Chemistry

Recommended Prerequisite: Principles of Health Science

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

This is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide. Learners will learn terminology and investigative procedures related to crime scene, truth detection, and scientific procedures used to solve crimes. Using scientific methods, learners will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Learners will learn the legal aspects and career options for forensic science.

GRAPHIC DESIGN AND ILLUSTRATION I

7101Y (7101 A and B)

Grade: 10-12 **Level: 2** **Credit: 1**

Prerequisite: None

Recommended prerequisites: Principles of Arts, Audio/Video Technology, and Communications or Art I

Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, learners will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will use a variety of software programs from the Adobe Creative Suite to online sites and apps to support and develop creativity and problem solving. Graphic Design will focus your imagination and give you valuable skills to use in school, on the job and for the rest of your life.

MONEY MATTERS

7005Y (7005 A and B)

Grade: 10-12

Level: 2

Credit: 1

Prerequisite: None

In Money Matters, students will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocation, risk management, retirement planning, and estate planning.

PATHOPHYSIOLOGY

7416Y (7416 A and B)

Grade: 11-12

Level: 2

Credit: 1

Prerequisite: Biology and Chemistry

Note: This CTE course satisfies a science credit requirement for students on the Foundation High School Program.

The Pathophysiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology 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.

STATISTICS AND BUSINESS DECISION MAKING

2452Y (2452 A and B)

Grade: 11-12

Level: 2

Credit: 1

Prerequisite: Algebra II

Note: This course satisfies a math credit requirement for students on the Foundation High School Program.

This course is highly recommended for many Career and Technical Education (CTE) Programs of Study.

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

EQUAL OPPORTUNITY POLICY STATEMENTS 1. All Coppell Independent School District career and technical education (CTE) program opportunities will be offered without regard to race, color, national origin, sex, or disability as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. 2. CISD also does not discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. 3. Requirements for compliance by the state's public school regulatory agency, the Texas Education Agency (TEA), are found in the document, Guidelines for Eliminating Discrimination and Denial of Services on the Basis of Race, Color, National Origin, Sex, and Handicap in Vocational Education Programs. A link to the full text can be found at the CTE PAR Monitoring webpage, which is located on the Program Monitoring and Interventions (PMI) website at: <http://www.tea.state.tx.us/pmi>. Inquiries regarding any of these policies should be directed to the Superintendent's Office (214-496-6000).

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

@IB ENGLISH III

IB Language Studies A: Language & Literature Higher Level

1910Y (1910 A and B)

Grade: 11

Level: 4

Credit: 1

Recommended Prerequisite: Completion of advanced courses in English I & II

Required IB Assessments: Individual Oral: Commentary (internal), Individual Oral: Test and Global Issue (internal)

This course is year one of the two year IB English sequence. Both years must be completed.

This course is focused on the examination of diverse texts, both literary and non-literary. The course focuses on developing skills of literary criticism and analysis, and recognizing how meaning can relate to culturally determined reading and writing practices. Work in the first year of the course is designed to develop close reading and effective written and oral communication skills, and the completion of the Internal Assessments.

There is no level-down option for this course.

What's next? IB English IV

@IB ENGLISH IV

IB Language Studies A: Language & Literature Higher Level

1920Y (1920 A and B)

Grade: 12 Level: 4 Credit: 1

Prerequisite: Completion of IB English III

Required IB Assessments: Higher Level Essay (external), English HL Paper 1 and 2 (external)

*This course is year two of the two year IB English sequence. Like IB English III, this course is focused on the examination of diverse pieces of **texts and their cultural contexts**. The course continues the focus on developing skills of literary criticism and analysis, while considering the changing historical, cultural and social contexts in which particular texts are written and received. The course will focus on language and how audience and purpose affect the structure and content of texts.*

There is no level-down option for this course.

@IB SPANISH ab INITIO I

IB Language Ab Initio Standard Level

6060Y (6060 A and B)

Grade: 11 Level: 3 Credit: 1

Prerequisite: None

Required IB Assessments: None in this year

This course is year one of the two year IB Spanish ab initio sequence. Both years must be completed. The Spanish ab initio course is a language learning course for beginners, designed to be followed over two years by learners who have no previous experience of learning Spanish. The focus of the course is on the acquisition of Spanish language required for purposes and situations usual in everyday social interaction. A focus on the relationship of language, customs, and cultures is stressed.

There is no level-down option for this course.

What's next? IB Spanish ab Initio II

@ IB SPANISH ab INITIO II

IB Language Ab Initio Standard Level

6065Y (6065 A and B)

Grade: 12 Level: 3 Credit: 1

Prerequisite: Completion of IB Spanish ab initio I

Required IB Assessments: Individual Oral Assessment (internal), Spanish ab initio SL Paper 1 and 2 (external)

This course is year two of the two year IB Spanish ab initio sequence. This course builds on the foundation built by the Spanish ab initio I course. The focus of the course continues to be on the acquisition of Spanish language required for purposes and situations usual in everyday social interaction and on the relationship of Spanish language and Spanish cultures. There is a heightened focus on the development of fluency of speaking, listening, reading, and writing. The official IB assessments are completed in this year of the course sequence.

There is no level-down option for this course.

@ IB SPANISH IV

IB Language B, Modern Languages, HL-Spanish

6080Y (6080 A and B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: Completion of Spanish II or teacher approval

Recommended Prerequisite: Completion of Spanish III strongly recommended

Required IB Assessments: none in this year

This course is part of the two-year IB Spanish sequence. Both years must be completed. Learners are exposed to an in-depth curriculum with emphasis on critical thinking skills, speaking, writing, listening and reading. Spanish texts will be chosen to reinforce these skills, build cultural awareness, and an appreciation of how culture affects language. Native Spanish speakers should consult with the IB Coordinator to ensure proper placement before registering for this course.

There is no level-down option for this course.

What's next? IB Spanish V

@IB SPANISH V

IB Language B, Modern Languages, HL-Spanish

6085Y (6085 A and B)

Grade: 12 Level: 4 Credit: 1

Prerequisite: Completion of IB Spanish IV

Required IB Assessments: Individual Oral Assessment (internal), Spanish HL or SL Paper 1 and 2 (external)

This course is year two of the two year IB Spanish sequence. The language B syllabus approaches the learning of language through meaning. All learners will take the IB assessments during this course. Through the study of the five language acquisition themes, the particular options at SL and HL, and literary works, learners build the necessary skills to reach the objectives of the language B course for assessments required for the IB diploma.

There is no level-down option for this course.

@IB FRENCH ab INITIO I

IB Language Ab Initio Standard Level

6092Y (6092 A and B)

Grade: 11 Level: 3 Credit: 1

Prerequisite: None

Required IB Assessments: None in this year

This course is year one of the two year IB French ab initio sequence. Both years must be completed. The French ab initio course is a language learning course for beginners, designed to be followed over two years by learners who have no previous experience of learning French. The focus of the course is on the acquisition of the French language required for purposes and situations usual in everyday social interaction. A focus on the relationship of language, customs, and cultures is stressed.

There is no level-down option for this course.

What's next? IB French ab Initio II

@IB FRENCH ab INITIO II

IB Language Ab Initio Standard Level

6099Y (6099 A and B)

Grade: 12 Level: 3 Credit: 1

Prerequisite: Completion of IB French ab Initio I

Required IB Assessments: Individual Oral Assessment (internal), French ab initio SL Paper 1 and 2 (external)

This course is year two of the two year IB French ab initio sequence. This course builds on the foundation built by the French ab initio I course. The focus of the course continues to be on the acquisition of the French language required for purposes and situations usual in everyday social interaction and on the relationship of French language and Francophone cultures. There is a heightened focus on the development of fluency of speaking, listening, reading, and writing. Official IB assessments are completed in this year of the course sequence..

There is no level-down option for this course.

@IB FRENCH IV

IB Language B, Modern Languages, HL-French

6093Y (6093 A and B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: Completion of French II or teacher approval;

Required IB Assessments: None in this year

This course is part of the two-year IB French sequence. Both years must be completed. Learners are exposed to an in-depth curriculum with emphasis on critical thinking skills, speaking, writing, listening and reading. French texts will be chosen to reinforce these skills, build cultural awareness, and an appreciation of how culture affects language. Native French speakers should consult with the IB Coordinator to ensure proper placement prior to registering for this course.

There is no level-down option for this course.

What's next? IB French V

@IB FRENCH V

IB Language B, Modern Languages, HL- French

Recommended Prerequisite: Completion of Spanish III strongly recommended

6094Y (6094 A and B)

Grade: 12 Level: 4 Credit: 1

Prerequisite: Completion of IB French IV

Required IB Assessments: Individual Oral Assessment (internal), Individual Oral Presentation (internal), French HL or SL Paper 1 and 2 (external)

This course is year two of the two year IB French sequence. The language B syllabus approaches the learning of language through meaning. All learners will take the IB assessments during this course. Through the study of the five language acquisition themes, the particular options at SL and HL, and literary works, learners build the necessary skills to reach the objectives of the language B course for assessments required for the IB diploma. Completion of the IBO's official course assessments takes place in this year of the course.

There is no level-down option for this course.

@IB HISTORY OF THE AMERICAS I

IB History of the Americas Higher Level

4910Y (4910 A and B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: None

Required Prerequisite: Completion of an advanced world geography or world history course

Required IB Assessments: Historical Investigation (internal)

This course is year one of the two-year IB History of the Americas sequence. Both years must be completed. This course focuses on an in-depth examination of the history of the United States, Canada, and Latin America from the colonial period to the present in a survey format. It will also

include a beginning treatment of 20th century world history topics. Learners completing this course will receive US History credit. Learning is focused on the development of advanced analytical reading, writing, and research skills. *A zero hour section of this course is available.*

There is no level-down option for this course.

What's next? IB History of the Americas II

@IB HISTORY OF THE AMERICAS II

IB History of the Americas Higher Level

4920Y (4920 A and B)

Grade: 12 Level: 4 Credit: 1

Prerequisite: Completion of IB History of the Americas I

Required IB Assessments: Historical Investigation (internal), History HL Paper 1, 2, and 3 (external)

This course is year two of the two-year IB History of the Americas sequence. Extending the regional focus established in the first year, this half of the course focuses on the relationship of the Americas to global history processes in the 20th century in a seminar-style format. Thematic topics include the causes, practices and effects of conflict in the 20th Century; superpower tensions and rivalries during the Cold War; and a document-based investigation of the move toward global war in the 1930s. This course will also include instruction in the remaining elements of government study, with government credit given upon completion of the course.

There is no level-down option for this course.

@IB ECONOMICS I

IB Economics Standard Level

4990Y (4990 A and B)

Grade: 11-12 Level: 4 Credit: 1

Prerequisite: None

Required IB Assessments: TBD

Fundamental concepts of macroeconomics, microeconomics, and international trade are investigated, to include: scarcity & choice, efficiency, equity and economic well-being, sustainability, interdependence, change, and intervention. Global problems such as environment, sustainability, and inequality & poverty are examined through an economic lens. The focus of the course is to explain economic phenomena with diagrams, data analysis and the evaluation of economic material. It is intended to make learners aware of the role of economics in real-world situations. *A learner may take this course as their terminal Economics class and take the Economics SL exams, or they may continue to Economics II.*

If IB Diploma requirements are not compromised, learners may level down to take the entirety of Economics and Free Enterprise in a succeeding semester. What's next? IB Economics II (Optional)

@IB ECONOMICS II

(IB Economics Higher Level)

4995Y (4995 A and B)

Grade: 12 Level: 4 Credit: 1

Prerequisite: Completion of IB Economics I

Required IB Assessments: Economics Commentaries (internal), Economics HL or SL Paper 1, 2, and 3 (external)

This course will continue to explore the fundamental concepts of economics. This includes key concepts studied in Microeconomics, Macroeconomics, and International Trade. The challenges and problems confronting developing countries will also be examined. The focus of the course is to explain economic phenomena through the use of diagrams, data analysis and the evaluation of economic material. It is intended to make learners aware of the role of economics in real-world situations. Furthermore, this course explores beyond the basic relationships into the more quantitative aspects of economics. *A learner MUST take this course if they completed IB Economics I but opted to not take the Economics SL exam at the end of the year. Learners who complete IB Economics II make take either the Economics SL or the Economics HL exam, IB Diploma requirements permitting.*

There is no level-down option for this course.

@IB CHEMISTRY I

(IB Chemistry Higher Level)

3930Y (3930 A and B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: Completion of two years of high school math & science;

Recommended Prerequisite Previous chemistry course

Required IB Assessments: Practical Scheme of Work (internal)

*This course is year one of the two-year IB Chemistry sequence. Both years must be completed. As an IB science, this course strives to combine academic rigor with the gaining of practical investigative skills. The course reviews and expands upon the topics of atomic structure, periodicity, stoichiometry, chemical reactions, chemical bonding, energetics, and measurements & calculations to correct scientific standards of significant digits & uncertainty. Organic chemistry is introduced. *It is strongly recommended that learners registering for this course have already completed on-level or Honors Chemistry**

There is no level-down option for this course.

What's next? IB Chemistry II

@IB CHEMISTRY II
(IB Chemistry Higher Level)

3935Y (3935 A and B)

Grade: 12 **Level: 4** **Credit: 1**

Prerequisite Completion of IB Chemistry I

Required IB Assessments: Practical Scheme of Work (internal); Chemistry HL or SL Paper 1, 2, and 3 (external); Group 4 (Sciences) project (internal)

This course is year two of the two-year IB Chemistry sequence. This course introduces and expands upon the concepts of oxidation/reduction reactions, chemical kinetics and equilibrium, and acids & bases. Additionally, it revisits, in more depth, material in the core areas of atomic structure, periodicity, bonding, energetics, kinetics, equilibrium, and acids & bases. An optional unit of study defined by the instructor will be chosen from materials chemistry, biochemistry, energy, or medicinal chemistry.

There is no level-down option for this course.

@IB BIOLOGY I
(IB Biology Higher Level)

3910Y (3910 A and B)

Grade: 11 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

Recommended Prerequisite: Completion of a preceding advanced natural science

Required IB Assessments: Practical Scheme of Work (internal)

This course is year one of the two-year IB Biology sequence. Both years must be completed. As an IB science, this course strives to combine academic rigor with the gaining of practical investigative skills. The course topics covered in year one will include statistics, cell biology, molecular biology, genetics, ecology, and evolution. It is strongly recommended that learners registering for this course have already completed an on-level, Honors, or AP natural sciences course.

There is no level-down option for this course.

What's next? IB Biology II

@IB BIOLOGY II
(IB Biology Higher Level)

3915Y (3915 A and B)

Grade: 12 **Level: 4** **Credit: 1**

Prerequisite: IB Biology I; requires participation in IB diploma program

Required IB Assessments: Practical Scheme of Work (internal); Biology HL or SL Paper 1, 2, and 3 (external); Group 4 (Sciences) project (internal)

This course is year two of the two-year IB Biology sequence. As an IB science, this course strives to combine academic rigor with the gaining of practical investigative skills. The course topics covered in the second year will include human physiology, and plant sciences. An optional unit of study defined by the instructor will be chosen from neurobiology, biotechnology, ecology & conservation, and human physiology.

There is no level-down option for this course.

@IB PHYSICS I
(IB Physics Standard Level)

3940Y (3940 A and B)

Grade: 11-12 **Level: 4** **Credit: 1**

Prerequisite: Completion of Algebra II; requires participation in IB diploma program

Recommended prerequisite: Completion of a preceding advanced physical science course

Required IB Assessments: Practical Scheme of Work (internal); Physics SL Papers 1, 2, and 3 (external); Group 4 (Sciences) project (internal)

As an IB science, this one-year course strives to combine academic rigor with the gaining of practical investigative skills. The topics of the course will include making measurements considering uncertainties, mechanics, thermodynamics, waves & particle physics, circular motion, electromagnetism, and energy production. Course concepts are applied to real-world global challenges and issues. It is strongly recommended that learners registering this course have already completed on-level or Honors Chemistry I. Enrollment levels in this course may require co-seating with AP Physics.

There is no level-down option for this course.

@IB ENVIRONMENTAL SYSTEMS AND SOCIETIES
IB Environmental Systems and Societies Standard Level

3950Y (3950 A and B)

Grade: 11-12 **Level: 4** **Credit: 1**

Prerequisite: None; requires participation in IB diploma program

Recommended Prerequisite: Completion of a preceding advanced science course

Required IB Assessments: Practical Scheme of Work (internal), Environmental Systems and Societies SL Paper 1 and 2 (external); Group 4 (Sciences) project (internal)

This course is completed in one year. As an IB science, this course strives to combine academic rigor with the acquisition of practical investigative skills. The prime intent of this course is to provide learners with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Topics in the course include ecosystems, natural resources, conservation and biodiversity, and pollution management. **There is no level-down option for this course.**

@IB MATH ANALYSIS HL I
(IB Mathematics Higher Level)

2921Y (2921 A and B)

Grade: 11 **Level: 4** **Credit: 1**

Prerequisite: Pre-Calculus or higher

Required IB Assessments: Mathematical Exploration (internal)

This course is year one of a two-year IB Math Analysis HL sequence. Both years of the same sequence must be completed. This course is intended for students who wish to pursue studies in mathematics at university or subjects whose mathematical content is predominant and sophisticated. It is for learners who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. In the first year learners will learn all of the IB Math Analysis SL curriculum, and will be introduced to advanced theories and concepts in statistics and Calculus.

Learners may level down to IB Math Analysis SL I at designated times during the school year per schedule change practice listed at the front section of this course guide, schedule and class size permitting.

What's Next? IB Math Analysis HL II

@IB MATH ANALYSIS HL II
(IB Mathematics Higher Level)

2923Y (2923 A and B)

Grade: 12 **Level: 4** **Credit: 1**

Prerequisite: IB Math Analysis HL I

Required IB Assessments: Mathematical Exploration (internal), Math Analysis & Approaches HL or SL Papers 1 & 2

This course is year two of a two-year IB Math Analysis HL sequence. Both years of the same sequence must be completed. This course is intended for students who wish to pursue studies in mathematics at university or subjects whose mathematical content is predominant and sophisticated. It is for learners who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. In the second year learners will explore greater depth in the skills and concepts from year 1, and will investigate theory and concepts in more advanced Calculus, statistical analysis, and some discrete mathematics. The Mathematical Exploration is also completed in this year of the course sequence.

Learners may level down to IB Math Analysis SL II at designated times during the school year per schedule change practice listed at the front section of this course guide, schedule and class size permitting.

@IB MATH ANALYSIS SL I
(IB Mathematics Standard Level)

2920Y (2920 A and B)

Grade: 11 **Level: 3** **Credit: 1**

Prerequisite: Algebra II or higher

Required IB Assessments: Mathematical Exploration (internal)

This course is year one of a two-year IB Math Analysis SL sequence. Both years of the same sequence must be completed. This course is intended for students who wish to pursue studies in mathematics at university or subjects that have considerable mathematical content, but it is complementary to other areas of knowledge. It is for learners who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. In the first year, learners will learn theories and concepts in advanced algebra, functions, statistics, trigonometry, analytical geometry, and will be introduced to Calculus.

There is no level-down option for this course.

What's next? IB Math Analysis SL II

IB MATH ANALYSIS SL II
(IB Mathematics Standard Level)

2922Y (2922 A AND B)

Grade: 12 **Level: 4** **Credit: 1**

Prerequisite: IB Math Analysis SL I

Required IB Assessments: Mathematical Exploration (internal), Mathematics: Analysis & Approaches SL Papers 1 & 2

This course is year two of a two-year IB Math Analysis SL sequence. Both years of the same sequence must be completed. This course is intended for students who wish to pursue studies in mathematics at university or subjects that have considerable mathematical content, but it is complementary to other areas of knowledge. It is for learners who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. In the second year, learners explore greater depth in the skills and concepts learned in year one,

and will investigate a more thorough study of Calculus and statistical analysis. The Mathematical Exploration is also completed in this year of the course.

There is no level-down option for this course.

@IB MATH APPLICATIONS SL I
(IB Mathematics Standard Level)

2925Y (2925 A AND B)

Grade: 11-12 Level: 3 Credit: 1

Prerequisite: Algebra II or higher

Required IB Assessments: Mathematical Exploration (internal), Mathematics: Applications & Interpretation SL Papers 1 & 2

This course is completed in one year. This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics. Learning will emphasize more advanced algebraic functions, statistics and probability, and will explore some Pre-Calculus concepts. All IB assessments are completed in this one-year course.

There is no level-down option for this course.

What's next? If completed in 11th Grade, Honors Pre-Calculus or AP Statistics

IB VISUAL ARTS I

Art, IB Visual Arts SL

6370Y (6370 A and B)

Grade: 11 Level: 4 Credit: 1

Prerequisite: Completion of prior Art course (recommended courses- Art I and / or Honors Art I)

Course Fees: Art Kit \$60

Required IB Assessments: SL Investigation Workbook (internal), Art Exhibition/Interview, and Comparative Essay with production of artwork based on research are begun and developed.

This course is year one of a two-year IB Visual Arts sequence. Both years of the sequence must be completed. The focus of the IB Visual Arts course is to explore visual arts in a variety of cultural contexts in order to foster appreciation and understanding of diverse world cultures and traditions. The learner will develop an understanding of art through research in the Investigation Workbook; production of art in a variety of media; and evaluation of past, present and emerging art works in their historical and cultural milieu. The course begins with teacher-structured activities to provide basic skills. This modeling of instruction is intended to prepare learners to develop a personal voice, concepts, direct their own research, investigating and production. Candidates will learn to document the creative process from research, analysis, and revision while the work is in production as well as documenting the final work.

There is no level-down option for this course.

What's next? IB Visual Arts II

IB VISUAL ARTS II

Art, IB Visual Arts, HL

6380Y (6380 A and B)

Grade: 12 Level: 4 Credit: 1

Prerequisite: IB Visual Arts I

Course Fees: Art Kit \$60

Required IB Assessments: Visual Arts HL or SL Investigation Workbook (internal), Art Exhibition/Interview, and Comparative Essay with production of artwork based on research.

This course is year two of a two-year IB Visual Arts sequence. This course builds on and extends the exploration of visual arts in a variety of cultural contexts in order to foster appreciation and understanding of diverse world cultures and traditions. The majority of the time will be devoted to personalized independent study in art topics based on cultural connections of personal interest, techniques and processes based on research and planning in the investigative workbook to create the investigation workbook and studio production. Candidates will learn to document the creative process from research, analysis, and revision while the work is in production as well as documenting the final work. Students may elect to submit at the SL or HL level at the end of this course.

There is no level-down option for this course.

IB THEORY OF KNOWLEDGE I

(IB Theory of Knowledge)

8300-11 8300Z-11

Grade: 11 Level: 4 Credit: 0.5

Prerequisite: None; requires registration in at least one IB subject course

Required IB Assessments: TBD

Zero hour is only available for IB Diploma Students

This course is the first part of a two-part course sequence. One or more sections of this course may be offered in the zero hour time slot reserved for learners pursuing the IB Diploma. The core element of the IB Program is required to receive the IB diploma. This semester course is taken in the spring semester of the junior year, to be followed by the second half of the course during the fall of the senior year. It is concerned with the nature,

scope, and limitations of knowledge. Different ways of knowing and areas of knowledge are examined critically with a focus on the reliability of sources of knowledge, distinguishing between good and poor reasoning, spotting intentional or accidental bias, and identifying inconsistencies. Skill development in oral and written communication for critical analysis is emphasized in all assessments. A portion of this course time may also be devoted to support on the Extended Essay. *All learners who register for an IB subject course must also complete both semesters of the Theory of Knowledge course sequence.*

There is no level-down option for this course.

What's next? IB Theory of Knowledge II

IB THEORY OF KNOWLEDGE II

(IB Theory of Knowledge)

8300-12 8300Z-12

Grade: 12

Level: 4

Credit: 0.5

Prerequisite: IB Theory of Knowledge I

Required IB Assessments: ToK Portfolio (internal); Essay on a Prescribed Title (external)

Zero hour is only available for IB Diploma students.

One or more sections of this course may be offered in the zero hour time slot reserved for learners pursuing the IB Diploma. The core element of the IB program is required to receive the IB diploma. This semester course in the fall of the senior year builds on the foundation received during the junior year seminars. It is concerned with the nature, scope, and limitations of knowledge. Different ways of knowing and areas of knowledge are examined critically with a focus on the reliability of sources of knowledge, distinguishing between good and poor reasoning, spotting intentional or accidental bias, and identifying inconsistencies. The official IB assessments are completed in this half of the course sequence.

There is no level-down option for this course.

Innovative Offerings

ACADEMIC DECATHLON

4700Y (4700 A and B)

Grade: 10-12

Level: 4

Credit: 1

Prerequisite: Selection by instructor to AcDec study team

This course provides learners with in-class preparation time for Academic Decathlon competition – a nationwide competition that occurs in the spring. The course provides a systematic preparation of each learner for participation in the ten decathlon events: science, social studies, economics, mathematics, art, music, language and literature, essay, interview, speech, and super quiz (which is either science or social studies). Nine members of the class will be chosen to be part of the competitive team. The other members will play a supportive role.

Student Leadership I and II - Student Council

8100Y (8100 A and B)

Credit: 0.5-1

8120Y (8120 A and B)

Credit: 0.5-1 (Local)

Grade: 11-12

Level: 2

Prerequisite: CHS Teacher Approval

Second time taken STUCO is a Local Credit

This course provides an opportunity to study, practice and develop group and individual leadership and organizational skills. These skills include, but are not limited to the following: decision making, problem solving techniques, communication, leadership role, human relations, and understanding the need for civic responsibility.

OFFICE/COUNSELING AIDE

8101Y (8101 A or B)

Grade: 12

Level: N/A

Credit: 0.5 -1 Local

This course requires a learner to be in good standing with attendance and discipline. The learner must be self-motivated, responsible, and trustworthy. Responsibilities include delivering passes, sorting mail, alphabetizing and sorting various materials, delivering packages, etc. Aides are expected to stay in their assigned areas. Aides will also serve as tour guides to new learners.

TEACHER AIDE

8115Y (8115 A or B)

Grade: 11-12

Level: N/A

Credit: 0.5 - 1 Local

This course requires a learner to be in good standing with attendance and discipline. The learner must be self-motivated, responsible, and trustworthy. Requires an approval from Administrative staff.

PEER ASSIST AND LEADERSHIP I and II

4601Y (4601 A and B)

Credit: 0.5-1

4602Y (4602 A and B)

Credit: 0.5 (state)- 0.5 (local)

Grade: 11-12 Level: 2

Prerequisite: CHS Teacher Approval

The supportive peers will assist an individual learner or a small group of learners with special needs in a general education class or in the special education classroom. Learners will receive confidentiality training and sign a confidentiality statement. Peer tutors are encouraged to develop and maintain positive relationships outside of class. A culminating project or paper will be required at the end of the semester.

PEER COACHING for STUDENTS I and II

5602A Peer Coaching for Students I

5602B Peer Coaching for Students II

Grade: 11-12 Level: 2 Credit: 0.5-1

Prerequisite: CHS Teacher Approval

The supportive peers will assist an individual learner or a small group of learners with special needs in a general education PE classroom. Learners will receive confidentiality training and sign a confidentiality statement. Peer tutors are encouraged to develop and maintain positive relationships outside of class. A reflection paper is required at the end of the semester.

LIBRARY ASSISTANT – INDEPENDENT STUDY ENGLISH

1900Y (1900 A and B)

Grade: 11-12 Level: 2 Credit: 0.5 - 1

Prerequisite: Application required. Counselors will give you the application

Class size limit: 4 learners per period

The library assistant course provides learners with the opportunity to gain knowledge and skills in information literacy and public relations. Navigating the library system, locating information both physical and digital, and assisting library patrons are emphasized. Learners will become adept with business etiquette, computer and research skills, navigation of the library system, and will acquire a working knowledge of a library and the services it provides.

PERSONAL AND ACADEMIC GROWTH

8953Y (8953 A and B)

Grade: 9-12 Level: N/A Credit: 0.5 - 1 Local

Prerequisite: Committee Approval

The course focus is on managing behavior effectively to allow academic success. Learners learn basic self-control and self-advocacy skills. Learners will identify interpersonal strategies to be used in a variety of environments.

MAKING CONNECTIONS I (1/2 credit)

8611

MAKING CONNECTIONS II (1/2 credit)

8612

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome.

MAKING CONNECTIONS III (1/2 credit)

8613

MAKING CONNECTIONS IV (1/2 credit)

8614

(A student can take Making Connections 1 & 2 one year and 3 & 4 another year. This year they were grouped to run MC1 first semester and MC2 second semester).

The Making Connections course sequence serves students who have an autism spectrum disorder or a related disorder such as social (pragmatic) communication disorder which causes them to have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome.

GENERAL EMPLOYABILITY SKILLS (1 Credit)

8601Y (8601A AND B)

Only can be taken once.

Teaches the "soft skills" related to employment. (working cooperatively as part of a team, personal hygiene, professional dress, proper handshake/greeting skills, appropriate workplace social interactions, time management, problem-solving, short & long term goals, attitude, accepting constructive criticism, working under different styles of supervision, self-advocacy, career clusters, interview skills, work jargon and job tasks skills. This is not the same thing as Work Based Learning, that is a separate supported pull-out program.

APPLIED VOCATIONAL EXPERIENCE - Local Credit

8940Y (8940 A AND B)

The Applied Vocational Experience course gives learners the opportunity to participate in Work-Based Learning in the school or community setting. Learners are supported through job coaching and the purpose of the course is to develop skills to prepare for future employment. Learners would need to be enrolled in General Employability skills either first or concurrently.

er Cluster, learners will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will use a variety of software programs from the Adobe Creative Suite to online sites and apps to support and develop creativity and problem solving. Graphic Design will focus your imagination and give you valuable skills to use in school, on the job and for the rest of your life. **Sidekick/Coppell Student Media** learners receive hands-on experience for what life is like as a college or professional journalist. CoppellStudentMedia.com is updated each school day and serves as the primary source for Sidekick staffers to present news to the campus and community in addition to six printed issues each school year. The major publication of this course are Sidekick newspapers and Coppell Student Media online content.

ELL Student Media online content.

There is no level-down option for this course.