

Career and Technical Education

Career Clusters

Career Clusters are groupings of occupations and career specialties that are used as an organizing tool for curriculum and instruction. There are 13 clusters.

Each cluster is presented with the individual courses students may select in the Career Technical Education section of the handbook, which begins on page 22.

The cluster sequences are designed as a tool to assist in streamlining the path through which students meet their educational goals and are ultimately employed in high-skill, high-wage, or high-demand occupations and nontraditional fields.

Agricultural Education

Agriscience Applications (AU102X0H15)

Develop skills that focus on integrating biological and physical sciences with technology as related to the environment, natural resources, food production, science and agribusiness. Topics include agricultural awareness and literacy, leadership and FFA, employability skills, and introduction to all aspects of the agricultural industry. Supervised agricultural programs and FFA leadership activities provide opportunities to apply skills.

Environmental and Natural Resources Studies I (AN512X0H15) and II (AN522X0H15)

Topics include environmental studies, including renewable and non-renewable resources, history of the environment, personal development, water and air quality, waste management, land use regulations, soils, meteorology, fisheries, forestry and wildlife habitat.

Horticulture I (AP412X0H15) and II (AP422X0H15)

Topics include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, greenhouse production and management, bedding plant production, watering systems, light effects, landscape design, installation and maintenance, lawn and turf grass management, career planning, and leadership/personal development. Supervised agricultural programs and FFA leadership activities provide opportunities to apply skills.

Business, Finance & Information Technology

Accounting I (BA102X0H15)

Study basic principles of accounting cycle. Emphases include careers, business ownership, analyzing and recording business transactions, and preparing and interpreting financial statements, accounting systems, banking and payroll. Math and critical thinking skills are reinforced. Prerequisite: Keyboarding skills recommended.

Accounting II (BA205X0H15 Honors)

Develop in-depth knowledge of accounting procedures and techniques used to solve business problems and make financial decisions. Emphases include partnership and corporate accounting, adjustments and inventory control, budgetary control, cost accounting and employment skills. Prerequisite: Accounting I.

Agricultural, Food & Natural Resources

| Pathways | Cluster Foundation Courses | | | CTE Adv Studies |
|-------------------------|----------------------------|-------------------------------------|-------------------------------------|-----------------|
| Nat'l Resources Systems | Agriscience Applications | Environmental & Natural Resources I | Environmental & Nat'l Resources II* | |
| Plant Systems | | Horticulture I | Horticulture II* | |

Cluster Enhancement Courses: Career Management; Microsoft Word, PowerPoint & Publisher; Microsoft Excel & Access; Marketing; Culinary Arts & Hospitality; Entrepreneurship I; Principles of Business & Finance; CTE Internship

* Indicates completer course

Business Law (BB302X0H15)

Explore basic legal principles common to all aspects of business and personal law. Business topics include contract law, business ownership including intellectual property, financial law, and national and international laws. Personal topics include marriage and divorce law, purchasing appropriate insurance, renting and owning real estate, employment law and consumer protection laws. Prerequisite: Principles of Business and Finance.

Business Management (BB402X0H15)

Explore understanding of management, including customer relationship management, human resources management, information management, knowledge management, product-development management, project management, quality management and strategic management. Economics, finance, and professional development are also stressed. Prerequisite: Principles of Business and Finance.

E-Commerce I (BD125X0H15 Honors)

Designed to help students master skills in the design and construction of complex Web sites for conducting business electronically. Emphasis is on advanced Web page construction and entrepreneurial applications of conducting business electronically. This course also covers economic, social, legal and ethical issues related to electronic business. Students will plan, design, create, publish, maintain and promote an electronic business Web site. Prerequisite: Multimedia and Webpage Design.

E-Commerce II (BD145X0H15 Honors)

Master advanced skills in electronic commerce security; payment infrastructure; secure electronic transactions; and electronic commerce order entry, tracking and fulfillment. Emphasis is on marketing techniques for websites, and tracking and using customer, sales and other databases in electronic commerce sites. Prerequisite: E-Commerce I.

Entrepreneurship I (ME112X0H15)

Evaluate the concepts of going into business and working for or operating a small business. Emphasis is on the exploration of feasible ideas of products/services, research procedures, business financing, marketing strategies, and access to resources for starting a small business. Develop components of a business plan and evaluate startup requirements. Prerequisite: Marketing, Personal Finance, or Principles of Business and Finance.

Entrepreneurship II (ME122X0H15)

Develop an understanding of pertinent decisions to be made after obtaining financing to open a small business. Acquire in-depth understanding of business regulations, risks, management, and marketing. Develop a small-business management handbook. Prerequisite: Entrepreneurship I.

Microsoft ITA: Word and PowerPoint (BM102X0H15)

Students use world-class Microsoft curriculum and cutting-edge software tools to tackle real-world challenges in the classroom environment. Students learn to create, edit, organize, and share a virtual notebook. They use the newest versions of Microsoft Word, PowerPoint and Publisher's interface, commands, and features to create, enhance, customize and share documents, presentations and publications.

Microsoft ITA: Excel and Access (BM202X0H15)

Students use world-class Microsoft curriculum and cutting-edge software tools to tackle real-world challenges in the classroom environment. Students use the newest versions of Microsoft Excel and Access to present, analyze, and manipulate various types of data and databases. Students learn to manage workbooks as well as how to manage, manipulate and format data. Students also learn how to create and work with a database and its objects. Students

Business, Management & Administration

| Pathways | Cluster Foundation Courses | | | CTE Advanced Studies |
|--------------------|--|--------------|----------------------|----------------------|
| General Management | Principles of Business & Finance | Accounting I | Business Management* | |
| | Microsoft Word, PowerPoint & Publisher | | Business Law* | |
| | | | Entrepreneurship I* | |
| | | | Entrepreneurship II | |

Cluster Enhancement Courses: Career Management; Multimedia and Webpage Design; Microsoft Excel & Access; Marketing; Strategic Marketing; Personal Finance; CTE Internship

* Indicates completer course

Seniors in the Academy of Finance

Seniors in the Academy of Finance will take two dual-enrollment courses at Forsyth Technical Community College. Students will typically take International Business (INT110) in the fall and Financial Planning (BAF143) in the spring. These are college-level courses that carry honors credit.

create, modify, and locate information as well as how to create programmable elements and share and distribute database information.

Multimedia and Webpage Design (BD102X0H15)

This revised course focuses on desktop publishing, graphic image design, computer animation, virtual reality, multimedia production, and webpage design. Communication skills and critical thinking are reinforced through software applications.

National Academy of Finance I: Principles of Accounting (CN125X0H1S); Applied Finance (CN175X0H1S) East Forsyth and West Forsyth; .5 unit each

Consists of two courses provided by NAF: Principles of Accounting and Applied Finance. Topics include basic accounting, banking and credit, insurance and securities.

Principles of Business and Finance (BF102X0H15)

Study the rights and responsibilities of a consumer and worker, career opportunities, credit, money management, budgeting, investments, free enterprise and economic systems as they relate to the global economy. *May be used as a math credit after completion of the course of study math graduation requirements.*

Career Development

Career Management (CC452X0H15)

Designed to develop the fundamental attitudes and behaviors needed to secure employment and advance in a career. Skills are generic to all occupations and emphasize proficiency in the workplace, problem solving, teamwork and self-management. The work-based learning strategy appropriate for this course is an internship.

Family & Consumer Sciences

Apparel & Textile Production I (FA312X0H15)

Examine clothing production areas, including preparation for clothing construction, basic clothing construction techniques, consumer decisions, textiles, historical perspectives and design and career opportunities. Skills will be applied to apparel and home fashion.

Apparel & Textile Production II - (FA322X0H15 Regular, FA325X0H15 Honors)

Examine advanced clothing and housing apparel development skills. The use of fibers and fabrics is combined with design and construction techniques to develop and produce clothing or housing apparel products. A real or simulated apparel business enterprise and FCCLA activities allow students to apply instructional strategies and workplace readiness skills to an authentic experience and to develop a portfolio. Prerequisite: Apparel I.

Introduction to Culinary Arts and Hospitality (FH202X0HC5) One Period - Career Center

Focus on basic safety and sanitation practices, leading to a national industry-recognized food safety credential. Commercial equipment, small-wares,

Finance

| Pathways | Cluster Foundation Courses | | | |
|---|----------------------------------|------------------------------|------------------------|------------------------|
| Business Finance | Principles of Business & Finance | Accounting I | Accounting II* | Entrepreneurship I |
| | Personal Finance | | | Business Law |
| | Microsoft Excel & Access | | | CTE Advanced Studies |
| Finance Academy (East Forsyth and West Forsyth) | Principles of Business & Finance | AOF Principles of Accounting | CTE Community College* | CTE Community College* |
| | | AOF Applied Finance | | |

Cluster Enhancement Courses: Career Management; Microsoft Word, PowerPoint, & Publisher; Marketing; Strategic Marketing; CTE Internship

* Indicates completer course

culinary math, and basic knife skills in a commercial foodservice facility are taught.

Culinary Arts and Hospitality I (FH212X0HC5) One Period - Career Center

Focus on basic skills in cold and hot food production, baking and pastry and service skills. Prerequisite: Introduction to Culinary Arts and Hospitality.

Culinary Arts and Hospitality II (FH222X0HC0) Two Periods - Career Center

Offers advanced experience in food production, management, hospitality and service. Study business management, menu planning and advanced food preparation. Skills in mathematics, communications, creative thinking, art and entrepreneurship are reinforced. Refine and practice skills for appropriate food service or hospitality through catering and hands-on experiences. Prerequisite: Culinary Arts and Hospitality I.

Early Childhood Education I (FE112X0HC0) Two Periods - Career Center

Prepare for a career working with children from birth to 8. Emphasis on enhancing the development of young children while providing care or teaching. Topics include health, safety, guidance and development-

tally appropriate activities. Skills in communication and interpersonal relationships are reinforced. Refine and practice skills in off-campus, state-licensed childcare centers. Off-campus internships are a part of the program for all students. Recommended: Parenting and Child Development.

Early Childhood Education II (FE125X0HC0 Honors) Two Periods - Career Center

Students learn about licensing procedures, management of a childcare center and designing space. They also explore the needs of exceptional children. Planning activities for school-age programs and working with infants and toddlers are parts of the curriculum. Students participate in off-campus internships approximately one-half of classroom time. Prerequisite: Early Childhood Education I.

Foods I (FN412X0H15)

Emphasizes the relationship of diet to health and the selection of foods to satisfy needs. Learn to use and care for the kitchen while learning to prepare, store and serve a variety of foods.

Human Services

| Pathways | Cluster Foundation Courses | | | |
|--|----------------------------------|-------------------------------|-----------------------------|-------------------------------|
| Early Childhood Development & Services | Teen Living | Parenting & Child Development | Early Childhood Education I | Early Childhood Education II* |
| | Personal Finance | | | |
| | Principles of Business & Finance | | | |
| Personal Care Services | Personal Finance | Cosmetology I | Cosmetology II* | CTE Advanced Studies |
| | Principles of Business & Finance | | | |

Cluster Enhancement Courses: Career Management; Microsoft Word, PowerPoint, & Publisher; Microsoft Excel & Access; Foods I; Entrepreneurship I; CTE Internship

* Indicates completer course

Hospitality & Tourism

| Pathways | Cluster Foundation Courses | | | |
|-------------------------------------|--|--------------------------------------|--|---------------------------------|
| Restaurants & Food/Beverage Service | Foods I | Intro to Culinary Arts & Hospitality | Culinary Arts & Hospitality I | Culinary Arts & Hospitality II* |
| | | Foods II - Ent* (Kennedy) | ProStart I (Kennedy) | ProStart II* (Kennedy) |
| Travel & Tourism | Sports & Entertainment Marketing I | Sports & Entertainment Marketing II* | Entrepreneurship I | Entrepreneurship II |
| | Marketing | Hospitality & Tourism* | | CTE Advanced Studies |
| AOHT Academy (Carver) | AOHT Principles of Hospitality & Tourism | AOHT Geography for Tourism | AOHT Sustainable Tourism* | CTE Community College Course |
| | AOHT Delivering Great Customer Service | AOHT Hospitality Marketing | AOHT Sports, Entertainment & Event Planning* | |

Cluster Enhancement Courses: Career Management; Multimedia and Webpage Design; Microsoft Word, PowerPoint, & Publisher; Microsoft Excel & Access; Foods I; Principles of Business & Finance; Personal Finance; CTE Internship

* Indicates completer course

Architecture & Construction

| Pathways | Cluster Foundation Courses | | | |
|-------------------------|----------------------------------|-------------------|---------------------|-----------------------|
| Design/Pre-construction | Teen Living | Interior Design I | Interior Design II* | Interior Applications |
| | Personal Finance | | | CTE Advanced Studies |
| | Principles of Business & Finance | | | |

Cluster Enhancement Courses: Career Management; Multimedia & Webpage Design; Microsoft Word, PowerPoint, & Publisher; Microsoft Excel & Access; Marketing; Fashion Merchandising; Apparel I; Entrepreneurship I; CTE Internship

* Indicates completer course

Foods II – Enterprise (FN422X0H15) *Kennedy only*

This course focuses on advanced food preparation techniques while applying nutrition, food science and test kitchen concepts using new technology. Food safety and sanitation receive special emphasis, with students taking the exam for a nationally recognized food safety credential. Prerequisite: Foods I.

Foods II – Technology (FN435X0H15) *Honors - Atkins only*

This course explores the food industry from the farm to the table using skills in food science, technology, engineering and mathematics. Government regulations, emerging trends, biotechnology and technological career opportunities from scientists to technicians will be presented. Prerequisite: Foods I.

Interior Design I (FI512X0H15)

Focus on housing needs and options of individuals and families at various stages of the life cycle. Emphasis is placed on selecting goods and services and creating functional, pleasing living environments using sound financial decisions and principles of design. Topics of study include elements and principles of design, backgrounds and furnishings, architectural styles and features, and functional room design.

Interior Design II (FI522X0H15)

Focus on entry-level and technical work opportunities in the residential and non-residential interior design fields. Explore understanding of design fundamentals and theory by designing interior plans to meet living space needs of specific individuals or families. Topics include application of design theory to interior plans and production, selection of materials, and examination of business procedures. Prerequisite: Interior Design I.

Interior Applications (FI532X0H15)

Prepare for entry-level and technical work opportunities in interior design. Develop interior applications to meet clients' needs using components found in residential and non-residential settings. Apply design, selection, production, and renovation skills to wall and floor coverings, lighting, windows, case goods, and upholstered furniture. Prerequisite: Interior Design II.

Parenting and Child Development (FE602X0H15)

Introduces students to responsible nurturing, prenatal care, basic child development stages and problems associated with young parenting. Emphasis on the parents' responsibilities and influence on children.

Personal Finance (BF052X0H15)

Students learn about planning and spending, planning a career, managing as a family member, making smart decisions, managing assets, and using consumer resources. Related mathematics and communication skills are integrated into the course. Financial skill applications are grounded in the context of family and consumer-sciences content areas.

ProStart I (FH712X0H15) *Kennedy only*

This national credentialing and fundamental food service course allows students to master kitchen basics, such as foodservice equipment, nutrition, breakfast foods, salads and garnishes, and fruits and vegetables. A heavy emphasis is placed on safety and sanitation, including preparing and serving safe food and preventing accidents and injuries. A required, one-credit paid or unpaid 200-hour internship will count toward the National ProStart Certificate of Achievement at the conclusion of ProStart II.

ProStart II (FH722X0H15) *Kennedy only*

Students study advanced skills in the hospitality industry, including tourism and the retail industry, the history of foodservice and the lodging industry. Advanced food service skills include potatoes and grains, meat, poultry, seafood, stocks, soups and sauces, desserts and baked goods. Students learn purchasing and inventory control, standard accounting practices, and how to build restaurant sales through marketing a menu. A required, one-credit paid or unpaid 200-hour internship counts toward the National ProStart® Certificate of Achievement at the end of ProStart® II. Prerequisite: ProStart I.

Teen Living (FC102X0H15)

Investigate life-management skills through lab and classroom studies of personal and family living; wellness, nutrition and foods; resource management; living environments; caring for children; fashion and clothing; and job readiness.

Health Science

Biomedical Technology I (HB112X0H15)

Atkins only

Challenges students to investigate current medical and health care practices using technology and advances in health care research. Topics include ethics, forensic medicine, infectious diseases, organ transplants, cell biology and cancer and biomedical research. Develops skills in science, mathematics, communications, health, and social studies.

Biomedical Technology II (HB122X0H15) *Atkins only*

Focus on genetics, neurobiology, sleep disorder and biological rhythms, bioethics, the evolution of medicine, and use of technology to study cellular and molecular biology. Curriculum developed by the National Institutes of Health. Prerequisite: Biomedical Technology I.

Biotechnology I (HL022X0H15) & II (HL035X0H15) *Honors) Atkins only*

These courses use investigative approaches to study the basics of biotechnology research and practices, as well as the application of biotechnology tools used in bringing a biomedical product to market. Prerequisite: Biomedical Technology I.

Forensic Science (HL105X0H15) *Honors) Atkins only*

Addresses skills and techniques used to process a crime scene, investigate a death, and the forensic analysis of crime scene evidence. Students will study crime scene recording and evidence collection, fingerprinting, death investigation, blood and DNA evidence, trace evidence and computer forensics.

Health Science

| Pathways | Cluster Foundation Courses | | | |
|--|--------------------------------|--------------------------|----------------------------|-------------------------------|
| Biotechnology Research and Development | Biomedical Technology (Atkins) | Biotechnology I (Atkins) | Biotechnology II* (Atkins) | Forensic Science (Atkins) |
| Therapeutic Services | Health Team Relations | Allied Health Sciences I | Health Science II* | Nursing Fundamentals |
| Diagnostic Services | | | | CTE Advanced Studies |
| Health Informatics | | | | Pharmacy Technician (Kennedy) |
| Support Services | | | | |

Cluster Enhancement Courses: Career Management; Microsoft Word, PowerPoint, & Publisher; Microsoft Excel & Access; Marketing; Foods I; Parenting & Child Development; Entrepreneurship I; Principles of Business & Finance; Personal Finance; CTE Internship

* Indicates completer course

Students must apply their knowledge of chemistry, physics, biology and human anatomy to complete labs and solve problems presented in this course. Prerequisite: Biotechnology I.

Health Science I (HU402X0H15 Regular, HU405X0H15 Honors)

Focus on human anatomy, physiology and human body diseases and disorders, and biomedical therapies. Explore health care careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in this course.

Health Science II (HU422X0H15 Regular, HU425X0H15 Honors)

This course focuses on the National Healthcare Foundation Standards and Accountability Criteria and the National Health Science Career Cluster Model pathway. The course is designed to help students expand their understanding of financing and trends of health care agencies, fundamentals of wellness, legal and ethical issues, concepts of teamwork, and effective communication. Students will learn health care skills related to the Health Science Career Cluster pathways. American Heart Association guidelines will be used for CPR and first aid training. This course contains a supplemental clinical internship. Language arts, mathematics, and communications are reinforced in this course. HOSA activities support networking with health care professionals through Volunteerism. Prerequisite: Health Science I or AHS 1.

Health Team Relations (HU102X0H15 Kennedy, Walkertown)

Designed to assist potential health-care workers to function as team members. Topics include terminology, the history of health care, health care agencies, ethics, legal responsibilities, medical math, leadership and career decision-making. Work-based learning strategies include service learning, field trips and job shadowing.

Nursing Fundamentals (HN432X0H15 Regular, HN435X0H15 Honors) Two Credits

Designed for students interested in medical careers where personal care and basic nursing skills are used. This course is an enhanced adaptation of the North Carolina Division of Health Service Regulation (DHSR) Nurse Aide I (NAI) curriculum and helps prepare students for the National Nurse Aide Assessment (NNAAP). Students who pass the NNAAP become listed on the NC NAI Registry. Prerequisite: Health Science II.

Pharmacy Technician (HH322X0H15) Kennedy only

Self-paced, online instruction designed to prepare high school seniors for a pharmacy technician career. Topics included are federal law, medication used in major body systems, calculations and pharmacy operations. Prerequisite: Health Science II.

Marketing & Entrepreneurship Academy of Hospitality and Tourism I: Principles of Hospitality (CN505X0H1S); Customer Service (CN535X0H1S) Carver only; .5 unit each

Introduction to career opportunities in the hospitality and tourism industry. Emphasis on principles of hospitality and tourism, customer needs and expectations, economic and environmental implications, domestic and international travel and cross-cultural awareness.

Academy of Hospitality and Tourism II: Geography and World Cultures (CN515X0H1S); Hospitality Marketing (CN525X0H1S) Honors

Preparation for opportunities in the hospitality and tourism industry. Emphasis on geography and world culture and hospitality marketing. Students explore the world's geographic regions and factors that create desirable travel destinations. Focus on creating marketing plans and career opportunities in the field of hospitality marketing.

Academy of Hospitality and Tourism III: Sustainable Tourism (CN545X0H1S); Event Planning (CN555X0H1S) Honors Carver only; .5 unit each

Students begin by looking at the profound changes taking place worldwide in the tourism industry. Students examine the environmental and socio-economic impacts, as well as the transition to a greener tourism economy. They explore tourism development in terms of increased sustainability, profitability, and benefits to the surrounding communities, and they examine ecotourism as a model for sustainability. Students also learn the skills and knowledge required in the event planning profession, including sports, entertainment and performing arts events. They examine careers in the field of sustainable tourism and event planning.

Entrepreneurship I (ME112X0H15)

Please see description on page 22.

Entrepreneurship II (ME122X0H15)

Please see description on page 22.

Fashion Merchandising (MI212X0H15)

For students interested in a career in the fashion industry. Topics include an overview of the fashion industry, evolution and movement of fashion, career development, risk management, promotion and fashion-show production.

Hospitality and Tourism (MH422X0H15)

Provides an introduction to the industry of travel, tourism, and recreational marketing. Learn about the impact of tourism, marketing strategies of the major hospitality and tourism segments, destinations, and customer relations. Emphasis is on career development, customer relations, economics, hospitality and tourism, travel destinations and tourism promotion. Prerequisite: Marketing or Sports and Entertainment Marketing I.

Marketing (MM512X0H15) (Work Experience MM516X0H15 optional for juniors and seniors) One or two periods

Develop basic knowledge, skills and attitudes that will prepare them to enter the field of marketing. Emphasis is on marketing and business foundations, economic foundations and human resource foundations. Included in these are concepts such as communications, selling, pricing, promotion, marketing-information management, and product/service planning.

Seniors in the Academy of Hospitality and Tourism

Seniors in the Academy of Hospitality and Tourism will take two dual-enrollment courses at Forsyth Technical Community College. Students will typically take Principles of Management (BUS 137) in the fall and Principles of Marketing (MKT 120) in the spring. These are college level courses that carry honors credit.

Marketing

| Pathways | Cluster Foundation Courses | | | |
|----------------------|----------------------------------|----------------------|---------------------|----------------------|
| Marketing Management | Principles of Business & Finance | Marketing Management | Entrepreneurship I* | Entrepreneurship II |
| Merchandising | Marketing | | | |
| Professional Sales | Fashion Merchandising | | Strategic Marketing | CTE Advanced Studies |

Cluster Enhancement Courses: Career Management; Multimedia and Webpage Design; Microsoft Word, PowerPoint, & Publisher; Microsoft Excel & Access; Business Law; Apparel I; Personal Finance; CTE Internship

* Indicates completer course

Marketing Management (MA522X0H15)
(MA526X0H15 *Work Experience optional for juniors and seniors*) Designed to continue the foundations covered in Marketing or Fashion Merchandising. Topics include recruiting, hiring, training and evaluating employees; information management; purchasing; pricing; ethics; sales management; and financing. Prerequisite: Marketing or Fashion Merchandising.

Sports and Entertainment Marketing I (MH312X0H15)
Designed for students interested in sports, entertainment and event marketing. Emphasis placed on branding, licensing, and naming rights; business foundations; concessions and on-site merchandising; economic foundations; promotion; safety and security; and human relations.

Sports and Entertainment Marketing II (MH322X0H15)
Designed for students interested in advanced study of sports, entertainment, and event marketing. Emphasis is placed on business management, career development options, client relations, ethics, events management, facilities management, legal issues and contracts, promotion and sponsorships. Prerequisite: Sports and Entertainment Marketing I.

Strategic Marketing Honors (MU925X0H15)
(**Work Experience MU926X0H15 optional**) This course focuses on the impact of marketing on society. Emphasis is placed on procedures used in buying behavior, procedures to manage marketing information, procedures to develop and manage products, pricing procedures, promotion, marketing channels, supply chain management, retail operations, and global marketing. The curriculum, activities and resources used in this course are written at the college freshman level.

Technology, Engineering & Design

Scientific and Technical Visualization I (TS212X0H15) - *Atkins only*
Emphasis on the use of complex graphic tools to understand technical, mathematical and scientific concepts. Visualization activities may include 2D and 3D graphics using photo editing software. Students explore 2D and 3D animation techniques. Prerequisite: Math I.

Scientific and Technical Visualization II (TS225X0H15 Honors) *Atkins only*
Learn advanced skills in the use of complex visualization tools for the study of mathematical and/or science concepts. Course mission is to build graphics/science/technology teams to work with architecture, fashion, engineering, art, science, and mathematics. Prerequisite: Scientific and Technical Visualization I.

Game Art and Design (TS312X0H15) - *Atkins Only*
This course introduces students to techniques used in the electronic game industry. Students' 2- and 3-dimensional images and animations come to life as they develop physical and virtual games. Emphasis is placed on team work as students take on the roles of lead artist, head programmer, music producer and project leader to create their games. Game art, history, ethics, plot development, storyboarding and programming are surveyed. Prerequisite: Scientific and Technical Visualization II.

Information Technology

| Pathways | Cluster Foundation Courses | | | |
|--------------------------------|----------------------------------|--|--|----------------------|
| Web & Digital Communications | Principles of Business & Finance | Multimedia & Webpage Design | e-Commerce I* | e-Commerce II |
| Information Support & Services | | | | CTE Advanced Studies |
| Network Systems | Microsoft Excel & Access | Network Engineering Technology I (CISCO) | Network Engineering Technology II* (CISCO) | |

Cluster Enhancement Courses: Career Management; Microsoft Word, PowerPoint, & Publisher; Entrepreneurship I; Personal Finance; CTE Internship
* Indicates completer course

Advanced Game Art and Design (TS322X0H15) - *Atkins only*
This course continues the study of game design and interactive animation. Students work in collaborative teams modeled off the professional game design industry. Advanced topics include the use of audio and visual effects, rendering, modeling, and animation techniques. Three dimensional game programming is introduced. Emphasis is placed on visual design, evaluating, music production, scripting and network protocols. Prerequisite: Game Art and Design.

Engineering Design (TE132X0H15)
This course continues to apply the skills, concepts and principles of engineering. Students explore various technological systems and engineering processes in related career fields. Topics include investigating technological systems, designing optimization and problem solving. Students utilize CAD and physical and virtual modeling concepts to construct, test, collect and report data. Prerequisite: Technological Design.

Technology Engineering & Design (TE112X0H15)
This course focuses on the nature and core concepts of technology, engineering, and design. Through hands-on project-based activities, students are introduced to elements and principles of design, basic engineering, problem solving, and teaming. Students apply research and development skills and produce physical and virtual models.

Technological Design (TE122X0H15)
This course continues to apply the skills, concepts, and principles of design. The design fields of graphics, industrial design, and architecture receive major emphasis. Engineering content and professional practices are presented through practical application. Working in design teams, students apply technology, science, and mathematics concepts and skills to solve engineering and design problems. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Prerequisite: Technology Engineering and Design.

Engineering/Project Lead the Way Introduction to Engineering Design (TP115X0H15) *Honors - Atkins only*
A course that teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design software. Prerequisite: Math I.

Digital Electronics (TP215X0H15 Honors) *Atkins only*
A course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices. Prerequisite: Introduction to Engineering Design, Math I.

Principles of Engineering (TP125X0H15) *Honors - Atkins only*
A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Prerequisite: Intro to Engineering Design, Math II.

Civil Engineering and Architecture (TP237X0H15 Honors) *Atkins only*
This course provides an overview of the fields of civil engineering and architecture, while emphasizing the interrelationship and dependence the fields. Students use state-of-the-art software to solve real world problems and communicate solutions in hands-on projects and activities. Topics covered include the roles of civil engineers and architects, project planning, site planning, building design and project documentation and presentation. Prerequisite: Introduction to Engineering Design, Math I.

Computer Integrated Manufacturing (TP227X0H15 Honors) *Atkins Only*
A course that applies principles of robotics, automation, and CAD design. The course builds on computer solid modeling skills developed in Introduction to Engineering Design. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing, and design analysis are included. Prerequisites: Introduction to Engineering Design, Math I.

Engineering Design and Development (TP315X0H15) *Atkins only; seniors only*
An engineering research course in which students work to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year. Prerequisite: three of the following courses: Introduction to Engineering Design, Digital Electronics, Principles of Engineering, Civil Engineering and Architecture, and Computer Integrated Manufacturing.

Science, Technology, Engineering & Math

| Pathways | Cluster Foundation Courses | | | |
|--------------------------|---|---|--|----------------------|
| Engineering & Technology | Drafting I | Drafting II - Engineering* | Drafting III - Engineering | CTE Advanced Studies |
| | Technology Engineering & Design | Technological Design* | Structural Systems Transportation Systems | |
| | PLTW Intro to Engineering Design (Atkins) | PLTW Digital Electronics* (Atkins) | PLTW Engineering Design & Development (Atkins) | |
| | PLTW Principles of Engineering (Atkins) | PLTW Computer Integrated Manufacturing* (Atkins) PLTW Civil Engineering & Architecture* (Atkins) | | |
| Science & Mathematics | | Scientific & Technical Visualiation I (Atkins) | Scientific & Technical Visualiation II* (Atkins) | CTE Advanced Studies |

Cluster Enhancement Courses: Career Management; Multimedia & Webpage Design; Microsoft Word, PowerPoint, & Publisher; Microsoft Excel & Access; Horticulture I; Entrepreneurship I; Principles of Business & Finance; Personal Finance; CTE Internship

* Indicates completer course

Trade & Industrial

Advanced Digital Media (IA322X0HC5) One period - Career Center

Provides students with industry knowledge and skills in the digital media design field. Areas covered in this course include graphics, animation, video and web design. Emphasis placed on concepts of graphic design, various digital media technologies, non-linear editing, product development and design and career development. Prerequisite: Digital Media.

Adobe Video Design (II332X0HC5) One period - Career Center

This course is a project-based course that develops skills in video design and production using Adobe tools. This course is aligned to Adobe Premiere certification and will use the Adobe curriculum. Prerequisite: Advanced Digital Media

Introduction to Automotive Service (IT112X0HC5) One period - Career Center

Introduction to basic automotive skills in service and safety, engine repair, automatic transmissions and transaxles, manual drivetrain and axles and job opportunities in the auto repair industry. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements.

Automotive Service I (IT162X0HC5) One period - Career Center

Introduction to basic automotive skills in suspension and steering, heating and air conditioning and engine performance. As part of the NATEF accreditation, topics are aligned to the Maintenance and Light Repair (MLR) requirements. Prerequisite: Introduction To Automotive Service

Automotive Service II (IT172X0HC5) One period - Career Center

Develops advanced knowledge and skills in vehicle system repair and replacement of components in the brakes, electrical systems, drivetrain, engine, HVAC

and steering and suspension systems. Emphasizes hands-on experience. Prerequisite: Automotive Service I.

Automotive Service III (IT182X0HC5) One period - Career Center

Builds advanced automotive skills and knowledge in vehicle servicing, testing, repair, and diagnosis of brakes, electrical systems, drivetrain, engine, HVAC and steering and suspension systems. Emphasizes hands-on experience. Prerequisite: Automotive Service II.

Aviation Technology I (IL772X0HC0) and II (IL782X0HC0) Two periods - Career Center

Develop skills in the basic sciences related to careers in aviation and aerospace. Classroom and laboratory activities include study of aviation structures, and power plants leading to the aviation maintenance technician certificate.

Building Skills I (IL062X0H15) Kennedy only

This course is designed to introduce students in the Construction and Design Academy to several trades in the construction industry. Topics include green construction, wall framing, roof framing, concrete, plumbing, and electrical. Hands-on projects and site visits will be an integral part of this course.

Building Skills II (IL072X0H5) Kennedy only

This course studies cabinetmaking, communications, drywall, finish carpentry, masonry, painting, tile setting, surveying and site planning. Hands-on projects and site visits will be an integral part of this course. Prerequisite: Building Skills I.

Carpentry I (IC212X0H15) One period - Career Center

This course covers basic carpentry terminology and develops technical aspects of carpentry with emphasis on development of introductory skills. Prerequisite: Core and Sustainable Construction.

Carpentry II (IC222X0HC5) One period - Career Center

This course covers additional technical aspects of carpentry with emphasis on development of intermediate skills. Content includes floor systems, wall and ceiling framing, roof framing, introductions to concrete, reinforcing materials and forms, windows and exterior doors, and basic stair layout. Prerequisite: Carpentry I.

Carpentry III (IC232X0HC5) One period - Career Center

This course develops advanced technical aspects of carpentry with emphasis on development of skills. Content includes roofing applications, thermal and moisture protection, exterior finishing, cold formed steel framing and drywall installations. Prerequisite: Carpentry II.

Transportation, Distribution & Logistics

| Pathways | Cluster Foundation Courses | | | |
|--|----------------------------|---------------------------------|---|---|
| Facility & Mobile Equipment Maintenance | Automotive Electrical | Automotive Electrical Advanced* | Automotive Brakes | Automotive Computer System Diagnostics* |
| | | | Collision Repair Technology I (2 units) | Collision Repair Technology II* (2 units) |
| | | | Aviation I (2 units) | Aviation II* (2 units) |
| Logistics Planning & Management Services | Marketing | Marketing Management* | Entrepreneurship I Strategic Marketing | CTE Advanced Studies |

Cluster Enhancement Courses: Career Management, Microsoft Word, Powerpoint & Publisher, Microsoft Excel & Access, Principles of Business & Finance, Personal Finance, CTE Internship

* Indicates completer course

Architecture & Construction

| Pathways | Cluster Foundation Courses | | | |
|--------------|---------------------------------|------------------------------------|--|--|
| Construction | Core & Sustainable Construction | Carpentry I Electrical Trades I | Carpentry II* Electrical Trades II* | Carpentry III Electrical Trades III |
| | Drafting I | Drafting II - Architectural* | Drafting III - Architectural | CTE Adv. Studies |
| | Building Skills (Kennedy) | Building Skills II (Kennedy) | Carpentry I Electrical Trades I | Carpentry II* Electrical Trades II* |

Cluster Enhancement Courses: Career Management, Multimedia & Webpage Design, Microsoft Word, Powerpoint & Publisher, Microsoft Excel & Access, Marketing, Fashion Merchandising, Apparel I, Entrepreneurship I, CTE Internship

* Indicates completer course

Collision Body Repair I (IL442X0HC0) and II (IL452X0HC0) Two Periods - Career Center
Learn to repair and paint automobiles of all types and styles, as well as the basic skills to work in a production-style body shop. Includes estimating, repairing, painting and cleaning automobiles. Also includes auto body construction and frame/body alignment.

Commercial Art I (IL642X0HC0 Regular, IL645X0HC0 Honors) and II (IL652X0HC0 Regular, IL655X0HC0 Honors) Two Periods - Career Center

Develop skills used to create advertisements, displays, technical illustrations, and other graphic designs. The concepts of layout, visual design, and lettering are emphasized. Prerequisite: Art I.

Core and Sustainable Construction (IC002X-0HC5) One period - Career Center

This course covers the National Center for Construction Education and Research (NCCER) Core certification modules required for all of the NCCER curriculum-area programs, and an additional Green module. The course content includes basic safety, introduction to construction math, introduction to hand tools, introduction to power tools, introduction to blueprints, material handling, basic communication skills, and basic employability skills, and "Your Role in the Green Environment." The additional Green module has been added to provide students with instruction in the green environment, green construction practices and green building rating systems.

Cosmetology I (IL092X0HC0) Three periods - Career Center

This course introduces developmental skills, employment opportunities and career information required for the cosmetology industry. Topics include facials, manicures, hair cutting, chemical relaxing and restructuring, wet hair styling, hair coloring and high lighting. Students are required to purchase a kit with necessary tools and work in after-school/week-end settings to earn the required 600 hours.

Cosmetology II (IL102X0HC0) Three periods - Career Center

This course provides advanced development of cosmetology processes, techniques and skills. Topics include hair coloring techniques; chemical servicing; identification and treatment of disorders of the skin, scalp and hair; manicuring; pedicuring; artificial nails; hair removal; and permanent waving techniques. Additions to the kit purchased for Cosmetology I are also required. Prerequisite: Cosmetology I.

Digital Media (IA312X0HC5) One period - Career Center

This course provides students with industry knowledge and skills in the overall digital media design field. Areas covered in this course include graphics, animation, video, and web design. Industry certifications are used to align curriculum with industry needs. Recommended: Multimedia & Webpage Design.

Drafting I (IC612X0H15) East Forsyth, Glenn, Mount Tabor, Reynolds, West Forsyth

This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas and concepts found in the areas of architecture, manufacturing, engineering, science and mathematics. Topics include problem-solving strategies, classical representation methods such as sketching, geometric construction techniques, as well as CAD (computer-assisted design), orthographic projection and 3D modeling.

Drafting II: Architectural (IC625X0H15) Honors - East Forsyth, Glenn, Mount Tabor, Reynolds, West Forsyth

This course is focused on the principles, concepts and use of complex graphic tools used in the field of architecture, structural systems and construction trades. Emphasis is placed on the use of CAD tools in the creation of floor plans, wall sections and elevation drawings. Prerequisite: Drafting I

Drafting II: Engineering (IV225X0H15) Honors - East Forsyth, Glenn, Mount Tabor, Reynolds, West Forsyth

This course focuses on engineering graphics, introducing the student to symbol libraries, industry standards and sectioning techniques. Topics include coordinate systems, principles of machine processes and gearing, and construction of 3D wireframe models using CAD. Mechanical engineering concepts involving the working principles and design of cams and gears are reinforced. Prerequisite: Drafting I

Drafting III: Architectural (IC635X0H15) Honors - East Forsyth, Glenn, Mount Tabor, Reynolds, West Forsyth

This course introduces students to advanced architectural design concepts. Emphasis is placed on the use of CAD tools in the design and execution of site and foundation plans as well as topographical information and detail drawings of stairs and wall sections. Prerequisite: Drafting II: Architecture

Drafting III: Engineering (IV235X0H15) Honors - East Forsyth, Glenn, Mount Tabor, Reynolds,

West Forsyth

This course introduces the student to advanced engineering concepts using CAD tools. Topics studied include descriptive geometry, geometric tolerancing, and advanced engineering design concepts such as surface and solid modeling. Prerequisite: Drafting II: Engineering.

Electrical Trades I (IC412X0HC5) One period - Career Center

This course covers basic electrical trades terminology and develops technical aspects of electrical trades with emphasis on development of introductory skills such as residential wiring, electrical installation, and service. Topics include basic electricity, electrical construction codes and practices, the National Electrical Code, the use of test equipment, and electrical hand and power tools. Prerequisite: Core and Sustainable Construction.

Electrical Trades II (IC422X0HC5) One period - Career Center

This course provides an introduction to the National Electric Code, devices boxes, hand bending, raceways and fittings, conductors and cables, construction drawings, residential services, test equipment, alternating circuits, grounding and bonding. Prerequisite: Electrical Trades I.

Electrical Trades III (IC432X0HC5) One period - Career Center

This course includes motors, electric lighting, conduit bending, pull and junction boxes, conductor installations, cable tray, conductor terminations and splices, circuit breakers and fuses, control systems and concepts. Upon successful completion of the this course, students should be prepared to enter the workforce as an electrical helper and/or continuing education towards degrees in Construction Management or Electrical Engineering. Prerequisite: Electrical Trades II.

Fire Fighter Technology I (IP312X0H15) Walkertown only

Covers part of the N.C. Fire Fighter I/II combination certification modules required for all fire fighters in North Carolina. Modules include fire department orientation and safety; fire prevention, education, and cause; fire alarms and communications; fire behavior; personal protective equipment; portable fire extinguishers; and fire hose, streams, and appliances.

Fire Fighter Technology II (IP322X0H15) Walkertown only

Covers additional NC Fire Fighter I/II combination certification modules required for all fire fighters in North Carolina. Modules include ropes; ladders; forcible entry; ventilation; water supply; sprinklers; and foam fire stream. Prerequisite: Fire Fighter Technology I.

Masonry I (IC112X0H15) Kennedy only

Covers basic masonry terminology and develops technical aspects of masonry with emphasis on development of introductory skills. Introduces the nature of masonry technology, materials and supplies, and employability skills. Topics include safety, layout, tools, leveling, plumbing, use of straight-edge, and jointing brick and block in wall construction. Prepares students for National Center for Construction Education and Research (NCCER) certification. Prerequisite: Core and Sustainable Construction.

Masonry II (IC122X0H15) Kennedy only

Builds on skills mastered in Masonry I and provides advanced masonry skills including measurements, drawing and specifications, mortar, masonry units,

and installation techniques. Prepares students for National Center for Construction Education and Research (NCCER) certification. Prerequisite: Masonry I.

Masonry III (IC132X0H15) Kennedy only
Develops advanced technical aspects of masonry. Course content includes residential plans and drawing interpretation, residential masonry, grout and other reinforcement, and metalwork in masonry. Introductory skills for crew leader are also introduced in this course. Prepares students for National Center for Construction Education and Research (NCCER) certification. Prerequisite: Masonry II.

Network Engineering I (II115X0HC5 Honors) One period - Career Center
This course provides a hands-on introduction to networking and the Internet using the Cisco CCNA Discovery - Networking for Home and Small Businesses curriculum. This course helps prepare students for the Cisco Certified Entry Networking Technician (CCENT) Certificate.

Network Engineering II (II125X0HC5) One period - Career Center
This course uses Cisco CCNA Discovery - Working at a Small-to-Medium Business or ISP curriculum. This course provides a basic overview of routing and remote access, addressing, security, email services, web space, and authenticated access and Cisco Certified Entry Networking Technician (CCENT) exam preparation. Prerequisite: Network Engineering I.

Photography I (IL672X0HC0) Two Periods - Career Center
Introduction to commercial photography designed to prepare students for an entry-level (or higher) position in several photography career areas. Includes introduction to basic camera, darkroom and digital imaging technologies combined with creative and artistic skills. In this "real-world" experience, product quality expectations increase with each assignment as students work to meet project requirements and deadlines. Students must provide their own Digital SLR camera with removable lens.

Photography II (IL682X0HC0) Two Periods - Career Center
Advanced instruction and practice in photography building on and expanding the skills gained in Photography I. Explore medium and large format cameras, photographic lighting design, studio and lab management, and expanded experiences in computerized digital imaging. In this "real-world" experience, product quality expectations increase with each assignment as students work to meet project requirements and deadlines. Each student will produce a portfolio project. Prerequisite: Photography I.

Public Safety I (IP112X0H15) - Walkertown only
This course provides basic career information in public safety, including corrections, emergency and fire management, security and protection, law enforcement and legal services. Students develop a personal plan for a career in public safety. The course includes skills in each area, using resources from the community to help deliver instruction to the students.

Public Safety II (IP122X0H15) - Walkertown only
This course provides a deeper level of understanding of career information in public safety, including emergency management, criminal justice, emergency medical technician and fire fighter. Students further the development a personal plan for a career in public safety. The course includes skills in each

area, using resources from the community to help deliver instruction to the students. Prerequisite: Public Safety I.

Radio Broadcasting I (IL302X0HC0) Two periods - Career Center
This course covers the creation, development and presentation of audio programming elements for broadcast and/or other electronic media applications. Emphasis is placed on proper operation of professional audio equipment and the study of basic physical behavior and the perceptual effects of sound. Upon completion, students should be able to correctly operate audio recording and playback equipment and demonstrate an understanding of the basic components of sound.

Radio Broadcasting II (IL312X0HC0) Two periods - Career Center
This course covers advanced audio production techniques and/or other electronic media applications. Topics include basic audio signal processing equipment and analog digital professional audio recording and playback equipment. Upon completion, students should be able to optimize the use of professional audio equipment in the production of effective audio programming. Prerequisite: Radio Broadcasting I.

Additional CTE Offerings
CTE Advanced Studies (CS952X0H15)
Students work under the guidance of a teacher with expertise in the content of the completer course in collaboration with community members, business representatives, and other school-based personnel. The four parts of the course include writing a research paper, producing a product, developing a portfolio, and delivering a presentation. Prerequisite: Two technical credits in one career cluster.

CTE Community College
Students may include one or more community college courses, either online or face-to-face, in their

program of studies that leads to a concentration in a Career Cluster. The course must meet requirements of the Operating Procedures for the Enrollment of High School Students in Community College Courses. Please ask your counselor for course number.

CTE Internship (CS972X0H15)
A CTE Internship allows for additional development of career and technical competencies within a general career field. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in a number of related activities. The teacher, student, and the business community jointly plan the organization, implementation, and evaluation of an internship, regardless of whether it is an unpaid or paid internship.

Work-based Learning
Work-based learning can be an integral part of every student's educational and career plan. As the name suggests, work-based learning connects learning that occurs at school with learning about the work world at a job site. Work-based learning experiences range from brief to intensive. They include paid and non-paid experiences. In some cases, students may receive course credits for work-based learning.

Kinds of work-based learning experiences include:

- job shadowing;
- internships;
- co-op;
- registered apprenticeship.

For more information about work-based learning, contact your school's counseling department.

Arts, A/V Technology & Communications

| Pathways | Cluster Foundation Courses | | | |
|---------------------------|--|----------------------|----------------------------|----------------------|
| Audio & Video Tech & Film | Multimedia Webpage & Design | Digital Media | Advanced Digital Media* | CTE Advanced Studies |
| | | Radio Broadcasting I | Radio Broadcasting II* | |
| Journalism & Broadcasting | | Commercial Art I | Commercial Art II* | |
| | | Photography I | Photography II* | |
| | | Game Art & Design* | Advanced Game Art & Design | |
| | | Apparel I | Apparel II - Enterprise* | |
| Visual Arts | Scientific & Technical Visualization I | | | Entrepreneurship I |
| | Microsoft Word, PowerPoint & Publisher | | | |
| | Teen Living | | | |
| | Marketing Fashion Merchandising | | | |

Cluster Enhancement Courses: Career Management, Microsoft Excel & Access, Interior Design I, Principles of Business & Finance, Personal Finance, CTE Internship

* Indicates completer course

Occupational Course of Study

The Occupational Course of Study (OCS) curriculum is designed for students with mild to high moderate cognitive disabilities. Some students enrolled in the OCS will not be able to complete all the course requirements to earn a diploma. Also, some will not be able to complete all work hours in four years and may need another year or more to meet the requirements. Students who do not meet all requirements can receive a North Carolina Certificate of Graduation.

In 2010 the OCS curriculum standards underwent major revisions as a part of North Carolina's Accountability and Curriculum Reform Effort (ACRE) and in response to a peer review for compliance with No Child Left Behind (NCLB) conducted by the U.S. Department of Education. The new, more rigorous standards and assessments will meet NCLB accountability and the Common Core Standards, ensuring students with cognitive disabilities will be better prepared for adult life.

Enrollment in the Occupational Course of Study does not guarantee the student will earn a North Carolina diploma. For additional requirements, please see pages 2 and 4.

OCS English I (92100X0HV5)

Students explore a variety of communication modes and the importance each plays in living and employment settings. Reading and writing strategies are used to interpret and express factual, functional information. Oral language strategies are used to communicate effectively in formal and informal situations. Additionally, students will use language to express individual perspectives drawn from personal or related experience, analyze information from a variety of sources, examine the foundations and use of argument, refine critical thinking skills and create criteria to evaluate text and multimedia, interpret and evaluate a wide range of literary texts, and develop an understanding of the application of grammar conventions and language usage.

OCS English II (92110X0H15)

Students analyze and employ effective communication strategies in living and employment settings. Standard rules of convention and syntax are used to give and request information. Students read and comprehend a variety of texts. They will draw evidence from literary or informational texts to support analysis, reflection, and research, and they will write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Prerequisite: Occupational English I.

OCS English III (92120X0H15)

Students read, write and orally express information required in living and employment settings. They will understand literary and informational texts and identify main concepts and supporting information

Occupational Flow Chart (4-Period Block)

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|-------------------|--------------|---|-----------------|
| OCS Eng. I | OCS Eng. II | OCS Eng. III | OCS Eng. IV |
| OCS Intro. Math | OCS Math I | OCS Fin. Mngmt OR CTE Personal Finance | Career Training |
| OCS Appl. Science | OCS Biology | Elective or CTE | Career Training |
| Career Tr/Elec. | CTE | OCS Am. History I | OCS Am Hist. II |
| Occ. Prep I | Occ. Prep II | Occ. Prep III | Occ. Prep IV |
| Life Mgmt/P.E. | Occ. Prep II | Occ. Prep III | Career Training |
| CTE | P.E./Health | Elective or CTE | Career Training |
| CTE | CTE | Elective or CTE | Elective or CTE |

*For current 11th-graders only

from print and non-print materials. They examine the speaking skills expected in a variety of settings and demonstrate effective communication. Apply knowledge of cause and effect relationships to decision-making and problem solving. Summarize the importance of forming a viewpoint in situations related to adult living. Prerequisite: Occupational English II.

OCS English IV (92130X0H15)

Students integrate oral, written and visual skills to communicate in living and employment situations. Apply information from literary and informational texts to carry out adult-living tasks and activities. They use written communication for explanatory, argumentative, self-advocacy and social purposes. They use communication skills to locate and research information. Prerequisite: Occupational English III.

OCS Introductory Mathematics (92200X0H15)

Students study computation (reading, writing, counting, whole numbers, decimals, fractions and percents); time and measurement; understand patterns and relationships, graphical displays, and apply algebraic properties to solve problems. Students acquire these skills through hands-on approaches and cooperative learning within the classroom and community. Application of these skills is necessary for independent living and successful employment. Prerequisite: Students in the Occupational Course of Study.

OCS Math I (922105)

Students study algebraic concepts. This includes operations with polynomials and matrices, creation and application of linear functions and relations, algebraic representations of geometric relationships, and an introduction to nonlinear functions. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relations and use those representations to solve problems. Appropriate technology, from manipulatives to calculators and application software, as well as hands-on approaches and cooperative learning should be used regularly for instruction and assessment. Prerequisite: OCS Intro to Math. Please ask your counselor for course number.

OCS Financial Management (9220X0H15)

Students apply the skills learned and demonstrate them in the community and places of employment. Understand appropriate methods for personal

financial management and independent living. Apply math skills to consumer spending. Prerequisite: OCS Algebra I.

OCS Applied Science (92310X0H15)

This course is designed to engage students in inquiry-based instruction as a critical way of developing conceptual understanding of the science content and provide students with the knowledge necessary to practice safety and maintain a healthy lifestyle. Students develop an understanding of basic human anatomy and reproduction. Basic concepts in Life Science, Environmental Science, Physical Science, and Biology related to work and living situations are presented. Prerequisite: OCS enrollment.

OCS Biology (92320X0H15)

This course provides students in-depth study of the cell, the molecular basis of heredity, biological evolution, the interdependence of organisms, matter, energy and organization in living systems, and the adaptive responses of organisms. Students apply the science-based concepts to situations at home and in the workplace. Prerequisite: Occupational Science I.

OCS American History I (92450XH15)

This course has been designed to provide a framework for studying political, social, economic, and cultural issues, and for analyzing the impact these issues have had on American society over time. Students will continue to build upon previous studies of American History, the fundamental concepts in civics and government, economics, culture and geography taught in grades kindergarten through eight and use skills of historical analysis as they examine American history. This course goes beyond memorization of isolated facts to the development of higher level thinking skills, encouraging students to make historical assessments and evaluations.

OCS American History II (92460XH15)

This course was designed to trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. The desired outcome of this course is for students to develop an understanding of the cause-and-effect relationship between past and present events, recognize patterns of interactions, and understand the impact of events on in the United States in an interconnected world.

Occupational Preparation I (92400X0H15)

Students are introduced to the attitudes, behaviors and habits needed to obtain and maintain employment and make career advancements. Students participate in school-based learning activities, including work ethic development, job-seeking skills, decision-making skills, and self-management skills. Students are involved in on-campus vocational training activities and jobs. Formal career planning and knowledge of transition planning begins in this course and continues through the Occupational Preparation courses. Students begin working on the 300-hour school-based requirement for graduation. Prerequisites: Students with IEPs. OCS students have priority for enrollment.

Occupational Preparation II (92410X0H15) Two periods

Students develop skills generic to all career majors: resource management, communication, interpersonal relationships, technology, stamina, endurance, safety, mobility, teamwork, sensory skills, problem solving, cultural diversity, information acquisition/management. Learning activities include on-campus jobs and work-based learning. Job seeking skills are refined. Students begin working on the 240-hour work-based learning requirement for graduation. Prerequisites: Occupational Preparation I.

Occupational Preparation III (92420X0H15) Two periods

Students develop and apply skills learned previously. Work-based learning activities include community-based training, job shadowing, job sampling, internships, situational assessment, cooperative education and apprenticeships. These activities allow students to apply skills to competitive employment settings and demonstrate their work personality. Students continue working on their 240-hour requirement for graduation, and begin working on the 360-hour competitive employment requirement. Prerequisite: Occupational Preparation II.

Occupational Preparation IV (92430X0H15)

This course gives students the opportunity to use all the skills required in the Occupational Preparation courses and to apply them to their career choice. Students solve problems experienced in competitive employment, practice self-advocacy and master the theoretical and practical aspects of their career choice. Students finish the 360 hours of integrated competitive employment in a community setting required for successful completion of the Occupational Course of Study. Students also develop a job placement portfolio that provides an educational and vocational record of their high school experience. Prerequisites: Occupational Preparation III.

Career Training for Exceptional Children I (96280X0H15) and Career Training for Exceptional Children II (96280X0H15)

Designed to extend the work-based training experience provided in Occupational Training I-IV. Students participate in on- or off-campus vocational training that is aligned with their post-school employment goals. The course allows release time for students to be involved in work-based learning activities including, but not limited to: school-based enterprises, school-based training, internships, apprenticeships, job shadowing, community service projects, vocational job coach services, individual competitive employment placements or supported employment. This course may be repeated more than once for credit based on the student's need for work-based vocational training



Magnet School Options

Choices for high school students have expanded considerably as new magnet programs have begun over the past few years. The following sections highlight the eight high school magnet programs: Atkins Academic and Technology High School, Early College of Forsyth, Forsyth Middle College (grades 11-12), John F. Kennedy High School, Paisley IB Middle Years Program (grades 6-10), Parkland IB Diploma Programme (grades 9-12), R. J. Reynolds Arts and Academics and Winston-Salem Preparatory Academy.

For more information about any program, please contact the person identified in the program description or the Magnet Schools' office at 727-2519.

Magnet school applications can be completed online at wsfcs.k12.nc.us/magnet.

Atkins Academic and Technology High School

Atkins Academic and Technology High School is like no other in Forsyth County. Much like a college or university, it offers majors focusing on biotechnology, scientific visualization/game design, engineering, and health sciences. These major areas of study provide rigorous high-level classes that prepare students for courses in those subjects in college. Equipment in these major areas is comparable to that found in college labs or in the workplace. Business, industry, and community leaders support each major area. To prepare for careers and college-level work, students participate in mentoring, job shadowing and internship programs. In addition, juniors and seniors may take advantage of the Forsyth Tech partnership with Atkins.

Majors in biotechnology and health science provide students with medical science and biotechnology skills. Those who select one of these majors will study areas related to medical science. The health science major allows students to earn CNA licensure as a first step to further training in the medical field. The biotechnology major prepares students for further study in microbiology, immunology, pharmacology and bioethics.

Students who major in scientific visualization / game design study principles of design, web graphics, interactive animation and modeling, and video production. They gain experience in a broad range of graphic techniques. Unlike many of the graphic techniques covered in the architectural and mechanical areas, scientific visualization techniques are more broadly applicable. Also, because the track is more academic, students focus on theory and operations so they understand why particular graphic techniques are used.

The engineering major is designed for students wanting to pursue a career in engineering beyond high school. Students will learn and experience various principles of engineering such as 3D modeling, control systems, engineering design process, digital electronics, and many more. All classes are project-based. Students learn how math and science are applied in the real world.

Atkins is fortunate to offer Forsyth Technical Community College courses through Career and College Promise. Juniors and seniors meeting FTCC entrance requirements may take

selected college courses on the Atkins campus tuition free during the regular school day.

Atkins is a dedicated magnet school Admission is by magnet application only. For additional information, please visit www.AtkinsHighSchool.org or contact Joe Childers, principal, at 336-703-6754.



Winston-Salem Preparatory Academy

Background

Winston-Salem Preparatory Academy (WSPA), a Thurgood Marshall Scholarship Fund-supported school, is housed in the historic Atkins High School. It seeks to prepare students to enter college through a caring and nurturing learning environment enabling all students to achieve academic excellence through personalized instruction, an integrated curriculum, and leadership opportunities throughout the community. The school serves about 650 students in grades 6-12, and it has consistently been among the leaders in graduating students in WS/FCS.

Curriculum

WSPA provides a college culture where students are enrolled in a rigorous and relevant curricular program beginning in sixth grade. The curriculum is designed to prepare students to meet the admissions requirements for the college of their choice. Students have access to all core courses, including foreign languages, that are needed to accomplish this goal. Core courses are supplemented by elective courses, including computer science, music, art and online courses.

Students are expected to meet very high standards, but they are given the support needed through an effective leadership staff, community partnerships with local colleges, encouraged parental reinforcement, and small instructional classes.

Faculty and staff from WSSU are integrally involved in providing professional development support to the academy's administrator, teachers and students.

The Thurgood Marshall College Fund College Prep Café

In the fall of 2013, the TMCF College Prep Café will pioneer a new kind of "blended learning" that combines the best in online and face-to-face education that has been shown to get better results for students than either kind of instruction on its own. This special partnership program between WS/FCS, the Thurgood Marshall College Fund, WSSU, and Connections Education has created a college-style lounge at WSPA where freshman participate in college prep seminars, choose from hundreds of online electives and clubs that colleges look for on high school transcripts, and receive mentoring and guidance from WSSU students and alumni. Best of all, for students who use the College Prep Café and graduate from Winston-Salem Prep in four years with at least a B average, TMCF will provide a college scholarship.

What will students get from the College Prep Café?

Freshmen who enroll at WSPA will have exclusive use of the TMCF College Prep Café and will benefit from three key ingredients for college success in the 21st Century:

A college mind-set: The student will experience a college-like environment in high school and learn what it takes to succeed from role models who are already there.

Curriculum that counts: The student will receive his/her own laptop and have access to the kinds of courses colleges look for - like foreign

"Imagine the Possibilities"

language and Advanced Placement as well as test prep and help with the college application process.

Motivational financial aid: Thurgood Marshall College Fund helps keep the student's eyes on the prize with a scholarship granted to those who graduate from WSPA in four years with at least a 3.0 grade point average.

Extracurricular Activities

The WSPA experience extends beyond the classroom. Participation in extracurricular activities contributes to the development of a sense of community and school family, important elements of the academy. Sports offered include boys' and girls' basketball, tennis, cross-country, and track. Students also have opportunities to participate in clubs and activities such as student government, National Honor Society, and the Crosby Scholars Community Partnership Program. In addition, WSSU offers numerous pre-college programs aimed at academic strengthening and tutoring.

Application and Selection Process

The typical applicant will be committed to academic excellence, demonstrate proficiency on end-of-grade tests, exhibit good behavior, and have a record of good school attendance.

Applicants are asked to write a brief statement of interest. Parents are required to sign a commitment statement of their intent to be actively involved in their child's education and WSPA.

For more information, call Principal Richard Watts at 703-6732.

R. J. Reynolds High School – Arts for Academics

Since 1923, the arts have been an important part of Reynolds' academic offerings and a source of pride for students, parents and alumni. Since becoming an "Arts for Academics" magnet high school in 2007, RJ Reynolds provides even more opportunities for creativity, originality and critical thinking by integrating the arts into all subjects and using the A+ Essentials (Arts, Curriculum, Multiple Learning Pathways, Enriched Assessment, Experiential Learning, Collaboration, Climate, and Infrastructure) to reach the needs of its diverse student body.

Reynolds also offers arts courses in Visual Arts, Choral Music, Piano, Band, Orchestra, Classical Guitar, Theatre, Dance and Creative Writing while offering a complete high school experience, including strong academics, athletics and arts programs. Reynolds has award-winning arts programs and has been recognized as the high school model for the A+ Schools Program, a Magnet School of America School of Distinction and a Kennedy Center School of Excellence. Reynolds embraces its rich history and tradition of excellence while keeping abreast of best practices, technology and today's curriculum. Students are exposed to the arts through whole-school arts experiences and exhibits, school-wide themes and arts enhancement/integration. Students take advantage of living in the City of Arts and Innovation

through field trips, speakers, performers, internships and master classes. At Reynolds, real world applications and experiences are blended seamlessly with state curriculum.

The unique year-long Seminar in the Arts course taken during Freshman year builds skills necessary for success in high school and beyond. At the end of their freshman year, students choose their Art Path:

- "Arts Aware:" Students experience the arts as a learning vehicle in their traditional academic subjects areas, resulting in a deeper, connective academic understanding, but do not take further arts electives.

- "Arts Infused:" In addition to arts-enriched core academic classes, students take at least three arts classes with a broad scope. These arts electives give students the opportunity to discover latent artistic talents and promote general creativity.

- "Arts Intensive:" Arts-enriched core academic classes are the foundation for students' intensive arts 'major.' Students take a succession of demanding arts classes in a particular area of interest/talent. An audition or portfolio review is required for placement for the arts intensive students. These students participate in special exhibits, competitions and programs. They may choose to have an internship in their area of interest during their junior or senior years.

The Arts Community

By creating partnerships with community arts programs, community service organizations and area universities and colleges, "Arts for Academics" nurtures students by exposing them to the arts-rich community in which we live. Two professional performances per year are a part of our campus wide experience. Live lunchtime performances, art exhibits throughout the buildings, projectors and sound systems in the cafeteria facilitate arts integration and presentation.

Why Choose R. J. Reynolds – Magnet School for the Visual and Performing Arts

Backed by a tradition of more than 90 years of academic excellence, a dedicated and innovative faculty and staff, unmatched on-campus arts facilities, and an arts-rich region, R. J. Reynolds High School is poised to expand and extend its legacy of academic excellence well in to the 21st century. When joining R. J. Reynolds "Arts for Academics" High School, students become a part of this proud tradition and exciting future. For more information, call the Reynolds' magnet office at 703-4145, ext. 52812.

Forsyth Middle College

Forsyth Middle College (FMC) is a non-traditional high school located on the campus of Forsyth Technical Community College. It is an innovative cooperative high school and a collaborative project of Winston-Salem/Forsyth County Schools and Forsyth Tech. The program is designed for juniors and seniors with a focus on individualized educational choices and college courses through Forsyth Tech's enrollment program.

FMC offers students a later start time, with high school classes offered on a block schedule. Most FMC high school courses are taught on honors level, and students earn honors credit for college courses. College courses are offered at different times of the morning, afternoon, evening and online. FMC students can take college courses tuition-free and may earn up to a year or more of transferable college credit. In addition, FMC students have a great deal of flexibility in class offerings/course of study.

To be considered for admission to Middle College, a student must be at least 15 years old; have at least 10 high school credits; have successfully completed English I and II, Algebra I and Geometry or Math I and II, Biology, PE I and II and Life Skills; have a minimum of 2.5 GPA; be self-motivated to earn high school diploma; and have no discipline issues.

Students must complete an application and a 50-word essay explaining why they want to be admitted to Middle College. Students must also send a copy of the most recent high school transcript. Applicants must submit a recommendation from a counselor or teacher from the high school the student last attended. Selected applicants and parents are invited for an interview and must take the College Placement test (CPT) or provide SAT/ACT scores for consideration.

Middle College admits students in August and January of each school year and has an enrollment of 100. For more information, contact the Middle College's office at 734-7437 or guidance office at 734-7163.



International Baccalaureate (IB)

The IB Programme at Paisley and Parkland prepares students for college level work. Colleges and universities look favorably on the IB program as an indication of a student's level of motivation and ability to perform in a rigorous and challenging academic program.

Paisley IB Middle Years Programme

For 9th- and 10th-graders

International Baccalaureate Middle Years Programme provides a framework of academic challenge that encourages students to embrace and understand the connections between traditional subjects and the real world and to become critical and reflective thinkers.

Paisley ninth- and 10th-graders prepare for competitive college work, using the latest technology for research and communication. Our high school program maintains a close relationship with Wake Forest University. High school students have borrowing privileges at Z. Smith Reynolds Library on the campus of WFU and professors enrich our students' education through a series of seminars throughout the year.

The MYP embodies three fundamental concepts: communication (valuing language acquisition in at least two languages); holistic learning (finding the connections across and within the subjects and grade levels); and intercultural awareness (a growing understanding of a student's own culture coupled with an understanding and appreciation of other cultures).

MYP students learn more than facts. The MYP encourages teachers to design units around a range of ideas and issues that are personally, locally, nationally and internationally and globally significant. Students participate in regularly scheduled Socratic Seminars, promoting both oratorical proficiency and higher-order thinking skills.

Ninth-grade admission to the Middle Years Programme requires the successful completion of the following courses by the end of eighth grade:

Math I and Foreign Language I (French, German, Latin or Spanish). Since coursework is at the honors level (earning 0.5 extra quality point), students must achieve a minimum of Level 3 on all eighth-grade EOGs.

For more information contact Dr. Gary Cone at 336-703-4168 or Student Services at 336-703-4169.

Parkland IB Diploma Programme

For 11th- and 12th-graders

The International Baccalaureate Programme brings a world-class diploma to Parkland High School and prepares students for the challenges of college academics. The program seeks students who are excited about learning and who are up to the challenge of this very rigorous curriculum. In addition to the IB Diploma, motivated students can choose to enroll in individual IB courses of interest. These students may earn (with a score of 4 or higher on the exam) an IB Certificate for that course.

Curriculum

Students who choose IB select courses from six curriculum areas to meet the requirements of the Diploma Programme. Those six areas are Language A (English), Language B (foreign language), Individuals and Societies (social stud-

ies), Experimental Sciences, Mathematics, and the Arts or electives. The IB Diploma Programme requirements satisfy both local and state graduation requirements.

Additional requirements of the IB Diploma Programme include:

- **Theory of Knowledge.** This culminating seminar course is intended to stimulate critical reflection on the knowledge and experiences gained inside and outside the classroom. This core course is unique to the International Baccalaureate Organization (IBO).
- **Creativity, Action, Service (CAS).** The IBO's goal is to educate the whole person and foster responsible, compassionate citizens. Students complete 150 hours in the areas of creativity, action and community service.
- **Extended essay.** Through a 3,500-4,000 word essay, the requirements acquaint Diploma Programme students with the kind of independent research and writing skills expected by universities.
- **Examinations.** Students must take IBO examinations to receive the IB diploma or certificate. Examinations are given in each of the IB courses offered at Parkland. Students will be responsible for all or a portion of the exam fees.

For more information about the Parkland IB program, please call the IB coordinator at 771-4700 or the counseling office at 771-4711.

John F. Kennedy High School

Are you interested in graduating high school with more than a high school diploma? Do you work best in small classroom environments? Would you prefer learning through hands-on experiences? Would you like career experiences beyond the classroom and opportunities to earn credentials?

Answering yes to these questions means that John F. Kennedy High School is for you. This small high school offers students four career academies — Construction & Design, Health Sciences, ProStart®, and Creative Enterprises.

Each academy has nationally recognized credentials, structured curriculum, highly qualified instructors and many opportunities to extend learning beyond the classroom. The learning environment is rigorous, the curriculum and instruction are integrated across subject areas, and career pathway internships are encouraged for every student. Community business connections introduce students to real people in the same career cluster, show them entrepreneurship working in our economy and foster global citizenship. Small classrooms allow instructors and staff to understand the needs of each student. The Kennedy campus also provides easy access to the Career Center's AP course selections, additional CTE pathways and specialty classes. Students can also access classes at Forsyth Tech through Career and College Promise.

Students maintain athletic eligibility at their residential high school. The shared campus allows John F. Kennedy students to interact and learn with peers from all over the county while

maintaining the social connections. It's the best of both worlds.

You will choose one of the following academies:

Creative Enterprises (Entrepreneurship and the Arts): Students explore many areas of creative arts and entrepreneurship to customize their career and education plans. Members of the local arts community assist students in the refinement of their creative gifts while business partners demonstrate the skills to survive and thrive in the current economy.

Construction and Design: Students begin their hands-on instruction in the ninth grade by exploring the various skilled trades in the construction industry. John F. Kennedy HS offers masonry for juniors and seniors with certification from NCCER and internships to connect the students to the real world. Students graduate prepared for entry into the workforce, or they can use their hands-on experiences to leverage future educational options.

Health Sciences: Students explore careers in the healthcare industry and graduate with the opportunity to become a Certified Pharmacy Technician (CPhT). The Pharmacy Technician program is the only one of its kind in the district and is a terrific way to prepare for careers in any health care segment. Students are encouraged to investigate many different health careers.

Prostart (Restaurant Management): ProStart is a nationwide, two-year high school program that unites the classroom and industry to develop the best and brightest talent into tomorrow's restaurant and foodservice leaders. Students work a minimum of 400 hours in the industry and pass two comprehensive exams to receive the Prostart Certificate of Achievement (COA). Introductory courses in ninth and 10th grades prepare students for the rigor of Prostart.

Students interested in applying to John F. Kennedy must be mature enough to function in a workforce environment and:

- have a strong interest in one of the four career academies.
- be on grade-level with appropriate credits.
- be a current eighth- or ninth-grade student.

Limited space available for current 10th-graders.

Please call Student Services at 703-4144 for a personal tour or more information.

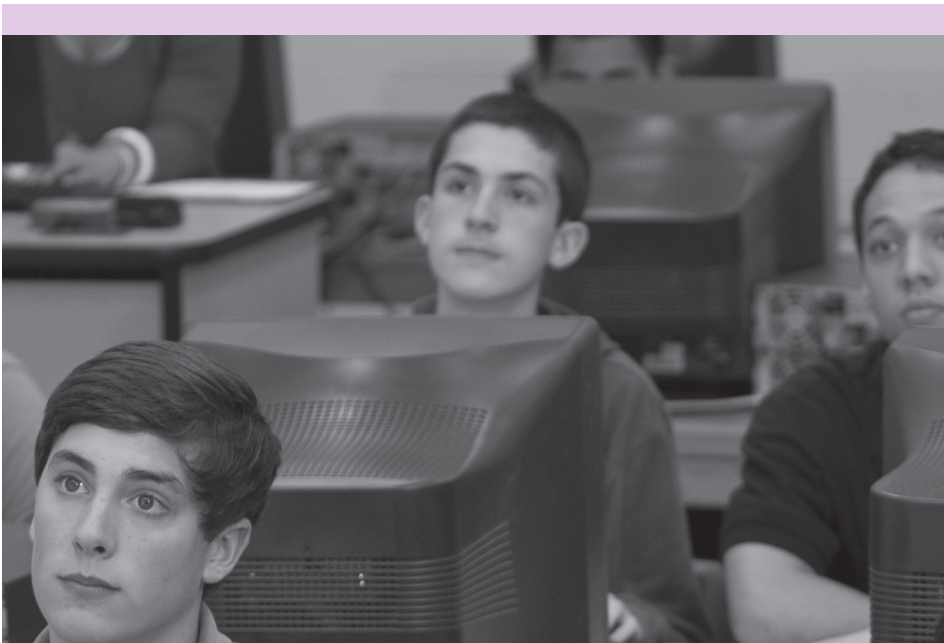
Early College of Forsyth

What is Early College of Forsyth? Early College is a joint program of Winston-Salem/Forsyth County Schools and Forsyth Technical Community College. Students have the opportunity to complete the requirements for a N.C. high school diploma and earn college credits leading to an Associate's in Arts degree within five years.

Instead of attending a regular high school, students take all courses on the main campus of Forsyth Tech. Limited transportation will be provided to students accepted into this innovative program. Tuition is free for all high school and college courses.

Students interested in applying to Early College must:

- Demonstrate grade-level proficiency on end-of-course (EOC) and end-of-grade (EOG) tests
- Take the College Placement Test and demonstrate readiness for college-level work
- Have an acceptable school attendance and discipline history
- Complete an application with a writing sample and submit an academic transcript. Grades will be reviewed to determine ability to succeed in college level coursework. Applications also can be found online at <http://www.forsyth-tech.edu/credit-programs/college-in-high-school>
- Be interviewed by a committee
- Submit three recommendations, one each from a school counselor, teacher and community representative (not a relative). For more information, call Principal Fran Cook at 757-3290 or Early College Liaison: Porchia McDaniel at 757-3297.



High Schools (Indicate first and second choices):

Date of Application _____

- Atkins Academic and Technology High School**
- Early College of Forsyth**
- Forsyth Middle College**
- John F. Kennedy High School:** Career Academies

- Paisley IB Magnet School:** IB Middle Years (Gr 9-10)
- Parkland Magnet High School**
 IB Diploma Programme Internationalism & Arts
- Reynolds High School:** Visual & Performing Arts (Gr 9-10)
- Winston-Salem Preparatory Academy**

Winston-Salem/Forsyth County Magnet Schools

Student's Name _____ Birthdate ____ / ____ / ____ Sex ____ Race ____

Will your child have a sibling at this school in 2015-16? Yes (Sibling must be a student at the school in 2014-15.) No

You must fill out a separate application for each child enrolling at a magnet school.

Student Number of Applicant (required)

Home Address _____ Phone _____

City _____ State _____ Zip _____

School Now Attending _____ Present Grade (2014-15) _____

Grade next school year ____ Last Math Course Taken _____ Last Foreign Language Course Taken _____

Father's Name _____ Employer _____

Address if different from above _____ Home Phone _____

Work Phone _____ Pager/Cell Phone _____ E-mail _____

Mother's Name _____ Employer _____

Address if different from above _____ Home Phone _____

Work Phone _____ Pager/Cell Phone _____ E-mail _____

Please indicate any health, physical condition(s) or academic services of which the school needs to be aware: _____

Return to Magnet Schools Office, WS/FCS Administrative Center, P.O. Box 2513, Winston-Salem, N.C. 27102-2513 OR return to Magnet School of your choice: **ENROLLMENT DEADLINE: JANUARY 23, 2015, 4:30 p.m.**

- Applications received after the enrollment period ends will be placed on a waiting list.

- **Atkins Academic and Technology High School**, 3605 Old Greensboro Road, Winston-Salem, N.C. 27101
- **Early College of Forsyth**, 2100 Silas Creek Parkway, Winston-Salem, N.C. 27103
- **Forsyth Middle College**, 2100 Silas Creek Parkway, Winston-Salem, N.C. 27103
- **John F. Kennedy High School**, 890 E. 11th Street, Winston-Salem, N.C. 27101
- **Paisley IB Magnet School**, 1400 Grant Street, Winston-Salem, N.C. 27105
- **Parkland Magnet High School**, 1600 Brewer Road, Winston-Salem, N.C. 27127
- **Reynolds High School**, 301 N. Hawthorne Road, Winston-Salem, N.C. 27104
- **Winston-Salem Preparatory Academy**, 1215 N. Cameron Avenue, Winston-Salem, N.C. 27101

Parent Signature _____ Student Signature _____

