



EAST FORSYTH HIGH SCHOOL

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770-888-1235 | www.forsyth.k12.ga.us/dhs

For more education on each pathway, download a complete Program of Study: <https://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Programs-of-Study.aspx>

CLUSTER	PATHWAY	DETAIL	COURSE 1	COURSE 2	COURSE 3	COURSE 4	CAREER CHOICES
ARTS, A/V TECHNOLOGY AND COMMUNICATIONS CLUSTER	A/V Technology and Film Pathway	Students will design, manufacture, operate and/or repair audio visual equipment, create presentations of sound, video, and data in a variety of formats, gather information, prepare broadcasts, build sets, and operate equipment used to record and transmit programs and/or motion pictures, and operate sound mixing and/or video editing equipment.	Audio and Video Technology and Film I	Audio and Video Technology and Film II	Audio and Video Technology and Film III	Internship Forsyth	<ul style="list-style-type: none"> A/V Equipment Technician Broadcast News Analyst Broadcast Technician Camera Operator Control Room Technician Journalist/Editor/Reporter Sound Technician Station Manager
ARCHITECTURE AND CONSTRUCTION CLUSTER	Architecture/Drafting and Design Pathway	Students will learn about safety, geometric construction, fundamentals of computer-aided drafting, and multi-view drawings. They will also learn drafting techniques through the study of geometric construction and the basic terminology, concepts, and principles of architectural design.	Introduction to Drafting and Design	Architectural Drawing and Design I	Architectural Drawing and Design II	Internship Forsyth	<ul style="list-style-type: none"> Architect Architectural Engineer Building Inspector Civil Engineer Electrical Engineer Environmental Engineer Landscape Designer Mechanical Drafter
	Construction/Carpentry Pathway	Students will learn the basic knowledge to function safely on or around a construction site and provide them a solid foundation in carpentry skills and knowledge. The pathway introduces students to four construction craft areas and allows them to gain Level One Industry Certification in one of the craft areas.	Industry Fundamentals and Occupational Safety	Introduction to Construction	Carpentry I	Internship Forsyth	<ul style="list-style-type: none"> Building Inspector Construction Inspector/Manager Electrician Mason Pipefitter Plumber Sheet Metal Worker Welder
	Heavy Equipment Operations Pathway	Students will gain foundational knowledge in construction including carpentry, plumbing, electrical, welding and HVAC. The pathway will focus and build on the concepts related to earthmoving as well as reading and using blueprints and specifications related to grading and grade calculations.	Industry Fundamentals and Occupational Safety	Introduction to Heavy Equipment	Heavy Equipment Operations I	Internship Forsyth	<ul style="list-style-type: none"> Articulated Dump Truck Operator Backhoe and Dozer Operator Forklift Operator Heavy Equipment Mechanic Heavy Equipment Operator Heavy Equipment Service Pipe Layer Plumbing
BUSINESS MANAGEMENT AND ADMINISTRATION CLUSTER	Entrepreneurship Pathway	Students will prepare for entry-level, technical, and professional IT careers, including the design, development, implementation, and maintenance of computer systems and software. Students will also gain knowledge of computer operating systems, programming languages, and gain knowledge of required cutting-edge technologies.	Introduction to Business and Technology	Legal Environment of Business	Entrepreneurship	Internship Forsyth	<ul style="list-style-type: none"> Advertising and Promotion Business Manager Chief Executive Officer Computer Systems Analyst Cost Estimator Database Administrator Paralegal and Legal Assistant Personal Financial Advisor
EDUCATION AND TRAINING CLUSTER	Early Childhood Education Pathway	Students will learn the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The pathway provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications.	Early Childhood Education I	Early Childhood Education II	Early Childhood Education III	Early Childhood Education Practicum	<ul style="list-style-type: none"> After-School Program Supervisor Child Care Director and Owner Child Care Supervisor Education Administrator Educational and Teacher Aide Kindergarten Teacher Preschool Teacher Special Education Teacher
	Teaching as a Profession Pathway	Students will learn to plan, manage, and provide education and training in student learning environments. Students will also learn about administrative roles, teacher training, administrative support, and professional learning services for educators. Through this pathway, students will also be engaged in observations, interactions, and analysis of critical and contemporary educational issues.	Examining the Teaching Profession	Contemporary Issues in Education	Teaching as a Profession Practicum	Internship Forsyth	<ul style="list-style-type: none"> Adult Educator After-School Program Supervisor Educational and Teacher Aide K-12 School Teacher Media Specialist Post-Secondary Vocational School Administration Special Education Teacher
HOSPITALITY AND TOURISM CLUSTER	Culinary Arts Pathway	Students will complete a variety of skills required by the industry such as knife skills, cooking techniques, menu planning, food purchasing and costs, food safety and sanitation, and front of the house service. The pathway allows students to develop knowledge and hands-on skill mastery of culinary arts in the commercial kitchen.	Introduction to Culinary Arts	Culinary Arts I	Culinary Arts II	Internship Forsyth	<ul style="list-style-type: none"> Caterer Chef and Head Cook Food Stylist and Photographer Food Writer and Critic Kitchen Manager Pastry Chef Personal Chef Restaurant Entrepreneur
HUMAN SERVICES CLUSTER	Fashion, Merchandising and Retail Management	Students will learn the fundamentals of design and the interior design profession, including the fascinating world of how textiles are woven into the fabric of everyday life. The pathway will allow students to advance skills in the selection, purchase, design, care, and construction of textile products and about textiles for apparel, interior furnishings, and industrial applications.	Foundations of Interior Design	Fundamentals of Fashion	Fundamentals of Fashion Textile Science	Internship Forsyth	<ul style="list-style-type: none"> Art and Design Worker Fashion Designer Interior Designer Purchasing Manager Retail Merchandiser Textile, Apparel and Worker Visual Merchandiser Wholesale and Retail Buyer
INFORMATION TECHNOLOGY CLUSTER	Computer Science Pathway	Students will prepare for entry-level, technical, and professional IT careers, including the design, development, implementation, and maintenance of computer systems and software. Students will also gain knowledge of computer operating systems, programming languages, and gain knowledge of required cutting-edge technologies.	Introduction to Software Technology	Computer Science Principles or AP CS Principles	AP Computer Science A	Internship Forsyth	<ul style="list-style-type: none"> Computer Hardware Engineer Computer Programmer Computer System Analyst Database Administrator Information Systems Manager Network Administrator Software Developers/Engineer Video Game Designer
MARKETING CLUSTER	Marketing and Management Pathway	Students will focus on developing skills in management and entrepreneurship, marketing, buying and merchandising, marketing communications and promotion, professional sales, marketing information management and research, channel management, global marketing, and internet/online marketing.	Marketing Principles	Marketing and Entrepreneurship	Marketing Management	Internship Forsyth	<ul style="list-style-type: none"> Advertising Account Executive Communications Specialist Customer Service Representative Entertainment Marketer Insurance Agent Marketing Specialist Media Buyer Public Relations Specialist
STEM CLUSTER	Engineering and Technology Pathway	Students will combine hands-on projects and rigorous curriculum to be prepared for challenging postsecondary engineering and technology problems; and build solid technical writing, comprehension, calculation, problem-solving, and technical skills. Students are encouraged to take relevant math and science courses.	Foundations of Engineering and Technology	Engineering Concepts	Engineering Applications	Internship Forsyth	<ul style="list-style-type: none"> Civil Engineer Drafter Electrical Engineer Industrial Engineer Machinist Manufacturing Materials/Mechanical Engineer Quality Control Inspector