



WEST FORSYTH HIGH SCHOOL

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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
EDUCATION AND TRAINING CLUSTER	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
HEALTH SCIENCE CLUSTER	Healthcare - Allied Health and Medicine Pathway	Students are exposed to the healthcare industry and jobs offered in a variety of establishments: hospitals, nursing and residential care facilities, physicians, dental, and other health practitioners offices, home health care services, outpatient care centers, ambulatory health care services and medical and diagnostic laboratories.	Introduction to Healthcare Science	Essentials of Healthcare	Allied Health and Medicine	Internship Forsyth	<ul style="list-style-type: none"> Clinical Laboratory Technician Dental Hygienist Medical Doctor Medical Laboratory Technician Paramedic Pharmacist Physical Therapist Radiologic Technologist
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
	Sports and Entertainment Marketing Pathway	Students will learn about the major segments of the sports and entertainment industry and the social and economic impact the industry has on economies. The products and services offered to consumers and the impact of marketing on these products and services are examined. Students will also have opportunities to develop managerial and analytical skills.	Marketing Principles	Introduction to Sports and Entertainment Marketing	Advanced Sports and Entertainment Marketing	Internship Forsyth	<ul style="list-style-type: none"> Agent Communications Specialist Customer Service Representative Entrepreneur Market Research Analyst Marketing Specialist Media Buyer Public Relations Specialist
HUMAN SERVICES CLUSTER	Cosmetology Pathway	Students will learn both fundamental theory and practices of the personal care professions. Emphasis will be placed on professional practices and safety. Students will master shampooing, permanent waving, haircutting, basic skin care, and make-up application while maintaining safety and sanitation in the workplace set forth by OSHA standards.	Introduction to Personal Care Services	Cosmetology Services II	Cosmetology Services III	Internship Forsyth	<ul style="list-style-type: none"> Barber Stylist Color Specialist Chemist Cosmetologist Make-up Artist Nail Technician Salon Owner Shampoo Tech Wig Stylist
	Nutrition and Food Science Pathway	Students focus is centered on healthy food and lifestyle choices and will investigate the interrelationship of food, nutrition and wellness to promote good health. Students will evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods.	Food, Nutrition, and Wellness	Food for Life	Food Science	Internship Forsyth	<ul style="list-style-type: none"> Food Scientist and Technologist Food Services Manager Geriatric Food Designer Health Educator Chef and Head Cook Dietitian/Nutritionist Food Inspector
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
	Web Development Pathway	Students develop and design responsive web sites through coding, testing, debugging and implementation of web-based services. This pathway will also allow students to learn about content management systems, client side languages, server side languages, and database concepts.	Introduction to Software Technology	Computer Science Principles	Web Development	Internship Forsyth	<ul style="list-style-type: none"> Computer Specialist Internet Specialist Multimedia Developer Network Analyst/Engineer Programmer Video Game Developer Webmaster Website Designer
MARKETING CLUSTER	Fashion, Merchandising and Retail Management	Students will be introduced the fundamentals of fashion marketing, key marketing concepts essential to every business, types of businesses involved in the industry, and an array of career opportunities. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory system.	Marketing Principles	Fashion, Merchandising, and Retailing Essentials	Advanced Fashion, Merchandising, and Retailing	Internship Forsyth	<ul style="list-style-type: none"> Brand Manager Entrepreneurs/Company Owner Fashion Designer General Merchandise Manager Online Merchant Product Developer Retail Buyer Visual Merchandiser
	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