



| 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 <ul style="list-style-type: none"> Control Room Technician Journalist/Editor/Reporter Sound Technician Station Manager |
| EDUCATION AND TRAINING CLUSTER | Education 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. Students will engage in observations, interactions, and analysis of critical and contemporary educational issues. | Education as a Profession I | Education as a Profession II | Education 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 <ul style="list-style-type: none"> Media Specialist Post-Secondary Vocational School Administration Special Education Teacher |
| FINANCE CLUSTER | Financial Services Pathway | Students will focus on recognizing a business opportunity, starting a business, operating and maintaining a business. Students will align business goals that focus on planning, organizing, coordinating, and controlling the resources needed to produce and provide goods and/or services that lead to owning and operating a small business. | Introduction to Business and Technology | Financial Literacy | Banking, Investing and Insurance | Internship Forsyth | <ul style="list-style-type: none"> Accountant Auditor Claims Adjuster Financial Project Specialist <ul style="list-style-type: none"> Financial Planner Insurance Sales Agent Research Sales and Service |
| HEALTH SCIENCE CLUSTER | 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Nail Technician Salon Owner Shampoo Tech Wig Stylist |
| | Esthetics Pathway | Students will learn about the practice of skincare and body treatments as they build technical skill proficiency that includes client consultation and preparation, basic skin care, basic electricity, facial treatment, hair removal, lash and brow tinting, and post consultation. | Introduction to Personal Care Services | Esthetics I | Esthetics II | Internship Forsyth | <ul style="list-style-type: none"> Beauty Consultant Beauty Educator Cosmetic Sales Representative Esthetician <ul style="list-style-type: none"> Makeup Artist Product Developer Skin Care Specialist Spa Manager |
| | 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 <ul style="list-style-type: none"> 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 Computer Science Principles | AP Computer Science A | Internship Forsyth | <ul style="list-style-type: none"> Computer Hardware Engineer Computer Programmer Computer System Analyst Database Administrator <ul style="list-style-type: none"> Information Systems Manager Network Administrator Software Developers/Engineer Video Game 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Insurance Agent Marketing Specialist Media Buyer Public Relations Specialist |
| | Marketing Communications and Promotions Pathway | Students will focus on the performance of key responsibilities required in a retail environment and develop skills in pricing, visual merchandising, advertising, special promotions, professional sales, and customer service. They will also better understand the communication aspects of business in relation to customer/consumer relationships. | Marketing Principles | Promotional and Digital Marketing | Integrated Marketing Communications | Internship Forsyth | <ul style="list-style-type: none"> Advertising/Promotions Manager Advertising Sales Agent Green Marketer Market Research Analyst <ul style="list-style-type: none"> Marketing Manager Marketing Strategist Public Relations Specialist Sales Managers/Representative |
| 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 <ul style="list-style-type: none"> Machinist Manufacturing Materials/Mechanical Engineer Quality Control Inspector |