FORSYTH COUNTY SCHOOLS
CAREER, TECHNICAL, AND AGRICULTURAL EDUCATION
A Guide for Business and Industry Involvement

Forsyth County Schools
COLLEGE & CAREER DEVELOPMENT

PARTNER CONNECT

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Forsyth County Schools
COLLEGE & CAREER DEVELOPMENT

FCS CAREER DEVELOPMENT

FCS CAREER DEVELOPMENT efforts seek to provide an on-going partnership between education and business/industry to prepare the students of our community with the skills necessary to meet world-class standards, successfully continue life-long learning, and enter the marketplace as productive citizens. A large part of that is industry involvement to ensure our middle and high school career pathways properly connect instructional practices to industry standards in labs featuring the latest technology and equipment replicating simulated work environments.

Career pathways provide seamless instruction in career and technical education that connects academic and technical skills to future educational and career opportunities. Successful completion of a career pathway also allows students to earn industry credentialing required in today's job market and other benefits such as:

- *blending rigorous academic/technical preparation*
- *discovering their interests and passions*
- *utilizing career development services*
- *experiencing all aspects of a business or industry*
- *planning for transitions into post-secondary opportunities*

Because a collaborative cannot happen alone, we need your help! Our strategic direction, Workforce Forsyth, guides the district in continuing to develop Georgia's most comprehensive and innovative roadmap for developing and retaining a talented workforce. Our business community and learning organizations have actively come together to provide a seamless connection from secondary to post-secondary which supports our current workforce needs! Please consider how your organization can partner with Forsyth County Schools!

For additional information or if your organization is interested in getting involved, contact:

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WORKFORCE FORSYTH

FORSYTH COUNTY SCHOOLS (FCS), in partnership with the Forsyth County Chamber, Lanier Technical College, and the University of North Georgia, launched Workforce Forsyth, a community initiative focused on developing strategies to support Career, Technical, and Agricultural Education (CTAE) in the district. Key next steps for the partnership focused on aligning career education efforts, guiding pathway creation, expanding classroom participation, and enriching curricula.

This effort builds on the initial Workforce Forsyth plan and has led to the creation of this roadmap to guide CTAE programming within the school district over the next several years. This plan presents priorities to guide investments in and strategies for workforce development.

THE PROCESS
This inclusive planning process involved key business, community, and education stakeholders. Over 70 steering committee member from across Forsyth County provided unique perspectives on FCS CTAE.

The development of this three-year Workforce Forsyth 2.0 plan began with a needs assessment designed to allow business partners, students, school leaders, and CTAE teachers to discuss their perspectives on the current state of FCS CTAE. These groups provided input relating to current programing, skills gaps, skills needs, and opportunities for growth.

WORKFORCE | CAREER | FORSYTH
Propelling the Career Pipeline for Forsyth County

Workforce Forsyth 2.0 Priorities

	Short-Term Strategies	Long-Term Strategies
Priority 1 Marketing & Outreach Plan	Engage with current and potential stakeholders Host a stakeholder showcase	Vertical Alignment between elementary, middle, and high school
Priority 2 Build & Evaluate a Soft Skills Program	Establish a district-wide Soft Skills Committee Explore introducing soft-skills in earlier grades	Evaluate programs to ensure they are meeting student needs and industry needs
Priority 3 Build Leadership Capacity for All Students	Engage more students in CTSOs Redefine the role of the counseling staff	Each school in the district should be offering at least one leadership development program
Priority 4 Grow Partnerships	Update and evaluate existing business partnerships Leverage business partnerships to increase teacher externship opportunities	Develop deeper relationships with business partners

WHAT ARE CLUSTERS AND PATHWAYS?

GEORGIA'S CAREER CLUSTERS allow students to choose an area of interest in high school from the 17 clusters. Students take classes tailored to their cluster, which helps them navigate their way to greater success – no matter what they choose to do after high school graduation. Each cluster will include multiple career pathways. The aim of the program is to show students the relevance of what they're learning in the classroom, whether they want to attend a two-year college, a four-year university or go straight into the world of work. Students will begin to learn about potential careers in elementary and middle school so that they are ready to choose a pathway once they reach high school. Georgia's initiative is based on the National Career Cluster Model.

CAREER PATHWAYS are state-approved career enhancement programs defined as a coherent, articulated sequence of rigorous academic and career-related courses starting in the ninth grade and leading to an associate degree, and/or an industry-recognized certificate or licensure, and/or a baccalaureate degree and beyond.

CAREER, TECHNICAL, AND AGRICULTURAL EDUCATION (CTAE): provides students with the opportunity to select at least three sequenced courses in a career pathway.

CTAE CONCENTRATOR: A concentrator is defined as a student who takes at least two sequenced CTAE courses in a specific program area during their high school career.

PATHWAY COMPLETER: A pathway completer is a student who earned 1 unit of credit per course for the following: an introductory course plus two sequential courses within a state recognized Georgia CTAE Pathway. The selection of a pathway is based on self-awareness and the investigation of occupations plus related educational levels aligned with the pathway. Most high-demand, high-skilled, high-wage occupations in all concentrations still require education beyond high school.

Implementation of career pathways is a collaborative effort between the Forsyth County School District, the Georgia Department of Education, the Technical College System of Georgia and the University System of Georgia.

Forsyth County Schools
COLLEGE & CAREER DEVELOPMENT

AGRICULTURE, FOOD AND NATURAL RESOURCES CLUSTER

Focuses on careers with common knowledge and skills related to production, processing, marketing, financing, distribution, and development of agricultural commodities and resources. This include food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

COMPANION ANIMAL SYSTEMS PATHWAY

Caring for the well-being of animals by performing routine tasks under the supervision of veterinarians, and veterinary technologists and technicians.

Courses of Study Offered
Basic Agriculture Science
Animal Science and Biotechnology
Small Animal Care

LANDSCAPE MANAGEMENT SYSTEMS PATHWAY

Students will learn a variety of job opportunities in the fields of education, research, golf and sports turf, landscape design, parks and gardens, public service, production management, and sales and marketing.

Courses of Study Offered
Basic Agriculture Science
General Horticulture and Plant Science
Turf Production and Management

VETERINARY SCIENCE PATHWAY

Covers the basics of animal care. Topics covered include disease, parasites, feeding, shelter, grooming, and general animal care.

Courses of Study Offered
Basic Agricultural Science
Animal Science and Biotechnology
Veterinary Science

ARCHITECTURE AND CONSTRUCTION CLUSTER

Careers with common knowledge and skills related to the designing, planning, managing, and building structures. Trade and Industrial Education programs equip students with the knowledge, skills, and attitudes necessary for successful employment in the trade and industrial field and for further education.

ARCHITECTURAL DRAWING AND DESIGN PATHWAY

Students will learn about safety, geometric construction, fundamentals of computer-aided drafting, and multi-view drawings along with drafting techniques, concepts, basic terminology, and principals of architectural design.

Courses of Study Offered
Introduction to Drafting and Design
Architectural Drawing and Design I
Architectural Drawing and Design II

CARPENTRY/CONSTRUCTION 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.

Courses of Study Offered
Industry Fundamentals and Occupational Safety
Introduction to Construction
Carpentry I

ELECTRICAL/CONSTRUCTION PATHWAY

Students will learn the basic knowledge to function safely on or around a construction site and provide them a solid foundation in electrical skills and knowledge.

Courses of Study Offered
Industry Fundamentals and Occupational Safety
Introduction to Construction
Electrical I

HEAVY EQUIPMENT OPERATIONS PATHWAY

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.

Courses of Study Offered
Industry Fundamentals and Occupational Safety
Introduction to Heavy Equipment
Heavy Equipment Operations I

ARTS, AUDIO-VIDEO TECHNOLOGY & COMMUNICATIONS CLUSTER

Careers with common knowledge and skills related to designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

AUDIO/VIDEO TECHNOLOGY AND FILM PATHWAY

Teaches all aspects of video production from pre-production, production, and post-production, including theory and practical application.

Courses of Study Offered
Audio and Video Technology and Film I
Audio and Video Technology and Film II
Audio and Video Technology and Film III

FILM PRODUCTION PATHWAY

Prepares students to participate in multiple class-created film production team simulations and film projects to develop a professional film portfolio.

Courses of Study Offered
Audio and Video Technology and Film
Introduction to Film Production
Film Production Applications

GRAPHIC DESIGN PATHWAY

Introducing graphic design principals while exploring the techniques of creative problem solving. Graphic design and production explores the various printing techniques including screen-printing and offset printing.

Courses of Study Offered
Introduction to Graphics and Design
Graphic Design and Production
Advanced Graphic Design

BUSINESS MANAGEMENT AND ADMINISTRATION CLUSTER

Careers with common knowledge and skills related to the preparation of students with computer skills for future college and career plans. Cluster skills mastered include planning, organizing, directing, and evaluating as well as owning and operating a successful business.

ENTREPRENEURSHIP PATHWAY

Entrepreneurs, innovators, and small businesses including business professionals, business owners, accountants, economists, administrators, or analysts.

Courses of Study Offered
Introduction to Business and Technology
Legal Environment of Business
Entrepreneurship

HUMAN RESOURCES MANAGEMENT PATHWAY

This pathway is designed to equip students with operational knowledge of hiring, managing, and terminating employees.

Courses of Study Offered
Introduction to Business and Technology
Legal Environment of Business
Human Resources Principles

INTERNATIONAL BUSINESS PATHWAY

Students are provided a foundation of core concepts required to succeed in an international business environment including essentials for working in an international business environment.

Courses of Study Offered
Introduction to International Business
Global Awareness and Cultural Competency
International Business Concepts

EDUCATION AND TRAINING CLUSTER

Careers with common knowledge and skills related to planning, managing, and providing education and training services as well as related learning support services.

EARLY CHILDHOOD EDUCATION PATHWAY

Students learn appropriate practices for working with young children, as the grow physically, cognitively, and emotionally.

Courses of Study Offered
Early Childhood Education I
Early Childhood Education II
Early Childhood Education Practicum

EDUCATION AS A PROFESSION PATHWAY

Students study, apply, the creation of an effective learning environment, the creation of instructional opportunities for diverse learners and students with special needs.

Courses of Study Offered
Education as a Profession I
Education as a Profession II
Education as a Profession Practicum

FINANCE CLUSTER

Careers with common knowledge and skills related to money management, including planning, investing, and spending. Students will gain career development skills for the finance world with opportunities that expand beyond basic business skills into financial literacy, banking, investing, insurance, and risk management.

ADVANCED ACCOUNTING PATHWAY

During times of financial crisis it is imperative that students learn the importance of sound financial decision-making.

Courses of Study Offered
Introduction to Business and Technology
Principles of Accounting I
Principles of Accounting II

BUSINESS ACCOUNTING PATHWAY

Strong growth in accounting jobs throughout the next decade is expected to occur due to the increased growth in the number of new businesses.

Courses of Study Offered
Introduction to Business and Technology
Financial Literacy
Principles of Accounting I

FINANCIAL SERVICES PATHWAY

Students explore the major functions of bank employees. Students formulate business and individual investment decisions by comparing and contrasting a variety of investment options.

Courses of Study Offered
Introduction to Business and Technology
Financial Literacy
Banking, Investing and Insurance

FINANCIAL TECHNOLOGY (FINTECH) PATHWAY

The pathway explores what new financial technologies are emerging and how technological advances in data analytics are enabling innovation in the financial industry.

Courses of Study Offered
Introduction to Financial Technology
Financial Technologies and Services
Coding for FinTech

GOVERNMENT AND PUBLIC ADMINISTRATION CLUSTER

Careers with common knowledge and skills related to planning and performing of government management and administrative functions at local, state, and federal levels. Careers are available in national security, foreign service, revenue, and regulations.

JROTC MARINES PATHWAY

JROTC is a stimulus for promoting graduation from high school, and it provides instruction and rewarding opportunities that will benefit the student, community, and nation.

Courses of Study Offered
MCJROTC Leadership Education I/II
MCJROTC Leadership Education III/IV
MCJROTC Leadership Education V/VI
MCJROTC Leadership Education VII/VIII

HOSPITALITY AND TOURISM CLUSTER

Careers with common knowledge and skills related to the management, marketing, and operations of restaurants, and other food services, lodging, attractions, recreation events, and travel related services.

CULINARY ARTS PATHWAY

Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures.

Courses of Study Offered
Introduction to Culinary Arts
Culinary Arts I
Culinary Arts II

BAKING AND PASTRY PATHWAY

Students will complete a variety of skills required by industry such as baking terminology, the proper use of tools and equipment, formula conversions, and the functions of various ingredients.

Courses of Study Offered
Introduction to Culinary Arts
Baking and Pastry I
Baking and Pastry II

HOSPITALITY, RECREATION AND TOURISM PATHWAY

Students study lodging, hotels and resorts; conventions, meetings, trade shows and events; restaurants and food service; recreation, sporting events and parks and travel.

Courses of Study Offered
Marketing Principles
Hospitality, Recreation, & Tourism Essentials
Hospitality, Recreation, & Tourism Management

SPORTS AND ENTERTAINMENT MARKETING PATHWAY

Students will learn skills to master the industry's terminology, market arenas and venues, obtain sponsorships, maintain solid media relations, coordinate and manage campaigns and events, etc.

Courses of Study Offered
Marketing Principles
Introduction to Sports & Entertainment Marketing
Advanced Sports and Entertainment Marketing

HEALTH SCIENCE CLUSTER

Careers with common knowledge and skills related to planning, managing, and providing services in therapeutics, diagnostics, health informatics, support areas, and biotechnology research and development.

ALLIED HEALTH PATHWAY

Students focus on healthcare industry jobs in hospitals, nursing, residential care facilities, home health care services, outpatient care centers, and diagnostic laboratories.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcare
Allied Health and Medicine

BIOTECHNOLOGY RESEARCH AND DEVELOPMENT PATHWAY

Areas of instruction include an understanding of the processes, structures and interactions of the human body, as well as the prevention, diagnosis and treatment of disease.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Biotechnology
Applications of Biotechnology

DIAGNOSTIC- CLINICAL LAB PATHWAY

Initial phase of detecting health problems includes procedures such as X-rays, fluoroscopies,sonograms, and clinical laboratory tests examining blood and other body fluids.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcare Science
Clinical Lab

EMERGENCY MEDICAL RESPONDER PATHWAY

Instruction include introductory medical terminology and anatomy and physiology; responder safety; incident command; basic physical assessment; cardiopulmonary resuscitation and the use of AEDs.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcaree
Emergency Medical Responder

EMERGENCY MEDICAL TECHNICIAN PATHWAY

EMT course prepares students to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcare
Emergency Medical Technician

MENTAL HEALTH PROFESSIONAL PATHWAY

Instruction includes recognizing, preventing, and treating various mental health and behavioral health disorders through a combination of coursework, hands-on learning, and exposure to real-world experiences.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcare
Mental Health Professional

PHLEBOTOMY PATHWAY

Students will be exposed to necessary skills and knowledge in healthcare, anatomy and physiology of each body system, and the medical terminology, diseases and disorders, diagnosis and treatment.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcare
Diagnostics Phlebotomy

HEALTH SCIENCE CLUSTER

Careers with common knowledge and skills related to planning, managing, and providing services in therapeutics, diagnostics, health informatics, support areas, and biotechnology research and development.

PUBLIC HEALTH PATHWAY

Students will explore occupations and skill sets in environmental health, community health, epidemiology, disaster management, and geriatrics.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcare
Applications of Public Health

SPORTS MEDICINE PATHWAY

Students will study musculoskeletal disorders that alter the functional ability of the patient. Careers focus on improvement of ability to perform life tasks through the physical training and prosthesis devices.

Courses of Study Offered
Introduction to Healthcare Science
Essentials of Healthcare
Sports Medicine

HUMAN SERVICES CLUSTER

Careers with common knowledge and skills related to family and human needs such as nutrition and food science, counseling and mental health services, family and community services, personal care, and consumer services.

COSMETOLOGY PATHWAY

Students who desire to become licensed cosmetologists. Students are required by the Georgia State Board of Cosmetology to obtain a total of 1500 unit hours to be eligible for both the written and practical state test.

Courses of Study Offered
Introduction to Personal Care Services
Cosmetology Services II
Cosmetology Services III

ESTHETICS PATHWAY

Students will learn about the practice of skincare and body treatments as they build technical skill proficiency.

Courses of Study Offered
Introduction to Personal Care Services
Esthetics I
Esthetics II

INTERIORS, FASHION, AND TEXTILES PATHWAY

Students will learn designing, planning, managing, building and maintaining the built environment using colors, furniture, lighting, and space in public and private sectors.

Courses of Study Offered
Foundations of Interior Design
Fundamentals of Fashion
Textile Science

NUTRITION AND FOOD SCIENCE PATHWAY

The focus of the course is centered on healthy food and lifestyle choices. Students will investigate the interrelationship of food, nutrition and wellness to promote good health.

Courses of Study Offered
Food, Nutrition, and Wellness
Food for Life
Food Science

INFORMATION TECHNOLOGY CLUSTER

Careers with common knowledge and skills related to the preparation for careers that create, use, modify, and engage technology skills. Graphics, multimedia animation, web design, game and application development, networking, and computer repair are all possibilities.

ARTIFICIAL INTELLIGENCE PATHWAY

Students will apply professional software development tools and processes to create functional, real-world applications of AI.

Courses of Study Offered
Foundations of Artificial Intelligence
Artificial Intelligence Concepts
Artificial Intelligence Applications

CLOUD COMPUTING PATHWAY

Provides knowledge in programming languages, software development, app creation and the basics of cloud computing.

Courses of Study Offered
Introduction to Software Technology
Computer Science Principles
Cloud Computing

COMPUTER SCIENCE PATHWAY

Students solve complex problems in computing for business, medicine, science, and other fields.

Courses of Study Offered
Introduction to Software Technology
Computer Science Principles
AP Computer Science A

CYBERSECURITY PATHWAY

Exams best practices related to the management of security, ethics, trust, internal/external threats, cryptography, and wireless technologies.

Courses of Study Offered
Introduction to Hardware Technology
Introduction to Cybersecurity
Advanced Cybersecurity

GAME DESIGN PATHWAY

Students gain an understanding of the fundamental principles used during the game creation process.

Courses of Study Offered
Introduction to Software Technology
Computer Science Principles
Game Design: Animation and Simulation

PROGRAMMING PATHWAY

Offers opportunities to strengthen problem solving skills, and provides needed skills in all disciplines.

Courses of Study Offered
Introduction to Software Technology
Computer Science Principles
Programming, Apps, Games and Society

WEB DEVELOPMENT PATHWAY

Instructs students on the basics of designing a web page and 3D animation.

Courses of Study Offered
Introduction to Software Technology
Computer Science Principles
Web Development

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY CLUSTER

Careers with common knowledge and skills related to employment in emergency and fire services, legal services, protective services, and homeland security..

FIRE AND EMERGENCY SERVICES - EMERGENCY MEDICAL RESPONDER

Students learn how frequently the first emergency personnel are at the scene of a traffic accident or medical emergency.

Courses of Study Offered
Intro to Law, Public Safety, Corrections & Security
Essentials of Fire and Emergency Services
Emergency Medical Responder

LAW ENFORCEMENT/CRIMINAL INVESTIGATIONS PATHWAY

Students will learn the legal responsibilities and challenges of the patrol officer, investigator, and crime scene technician at a crime scene.

Courses of Study Offered
Intro to Law, Public Safety, Corrections, & Security
Criminal Justice Essentials
Criminal Investigations

LAW ENFORCEMENT/FORENSIC SCIENCE PATHWAY

Career-focused educational opportunities in various public safety fields. Courses cover tactics, methods, and skills utilized in law enforcement.

Courses of Study Offered
Intro to Law, Public Safety, Corrections & Security
Criminal Justice Essentials
Forensic Science and Criminal Investigations

LEGAL SERVICES/APPLICATIONS OF LAW PATHWAY

Courses are designed to provide students with the understanding of the various services which ensure the proper function of our nation's legal system.

Courses of Study Offered
Intro to Law, Public Safety, Corrections & Security
Essentials of Legal Services
Applications of Law

MANUFACTURING CLUSTER

Careers with common knowledge and skills related to processing of materials into intermediate or final products and related professional and technical support activities, such as production control, maintenance, and process engineering.

MECHATRONICS PATHWAY

The Mechatronics pathway has been developed to provide students with a strong foundation in the skills needed by advanced manufacturing industry.

Courses of Study Offered
Intro to Mechatronics
AC Theory, Electrical Motors, Hydraulic Systems
Semiconductors Mech Sys, Pump, Piping Systems

STEM CLUSTER

Careers with common knowledge and skills related to planning, managing, and providing scientific research and professional and technical services.

ENGINEERING AND TECHNOLOGY PATHWAY

STEM (Science, Technology, Engineering and Mathematics) Introduction to Engineering Design (IED) focusing design and engineering.

Courses of Study Offered
Foundations of Engineering and Technology
Engineering Concepts
Engineering Applications

MARKETING CLUSTER

Careers with common knowledge and skills related to the process of anticipating, managing, and satisfying consumers' demand for products, services, and ideas. This cluster generates the strategy that underlies advertising and promotional techniques, business communication, and business development.

FASHION, MERCHANDISING AND RETAIL MANAGEMENT PATHWAY

Introduces students to the retail industry including fashion marketing, marketing concepts essential to every business, types of businesses involved in the industry, and an array of career opportunities.

Courses of Study Offered
Marketing Principles
Fashion, Merchandising, and Retailing Essentials
Advanced Fashion, Merchandising, and Retailing

MARKETING AND MANAGEMENT PATHWAY

Students develop knowledge and skills in the foundational areas of marketing and the functional areas of marketing, as well as international marketing, management and entrepreneurship.

Courses of Study Offered
Marketing Principles
Marketing and Entrepreneurship
Marketing Management

MARKETING COMMUNICATIONS AND PROMOTIONS PATHWAY

Students explore the careers of advertising managers, account executives, media directors, promotions managers, marketing managers, product development managers, market research managers and many more.

Courses of Study Offered
Marketing Principles
Promotional and Digital Marketing
Integrated Marketing Communications

TRANSPORTATION, DISTRIBUTION AND LOGISTICS CLUSTER

Careers with common knowledge and skills related to planning, managing, and moving people, materials, and goods by road, pipeline, air, rail, and water, and also includes other related professional and technical support services.

AEROSPACE - FLIGHT OPERATIONS PATHWAY

The basics of aircraft navigation and the communication methods for safe aircraft operations is taught. Students will gain a meteorological foundation for understanding the forecasting and charting of weather patterns.

Courses of Study Offered
Fundamental of Aerospace
Flight Operations I
Flight Operations II

DRONE/UNMANNED AIRCRAFT SYSTEMS PATHWAY

Students focus on knowledge in aviation history and regulations, the basics of flight, aerospace careers, and factors influencing work. Topics include the effects of weather on an unmanned aircraft.

Courses of Study Offered
Fundamentals of Aerospace
Flight Operations I
Unmanned Aircraft Systems

AUTOMOTIVE TECHNOLOGY PATHWAY

This program will teach "head skills" and "hand skills" to prepare the student for the world of automotive technology careers and to meet the needs of prospective employers.

Courses of Study Offered
General Automotive Technology 1, 2, 3
Advanced Automotive Technology 4, 5, 6
Automotive Service Technology Internship 1, 2, 3

NOTES

Like and follow
FCS/College &
Career Development on

INTERNSHIP FORSYTH

www.forsyth.k12.ga.us/wbl

INTERNSHIP FORSYTH is a structured experience that connects a student's career goal and classroom learning with a productive learning environment. Internship Forsyth provides students with opportunities for instruction in occupational skills and career exploration, and guidance in identifying employment and educational goals. Students have the opportunity to connect what they learn in school with work site application.

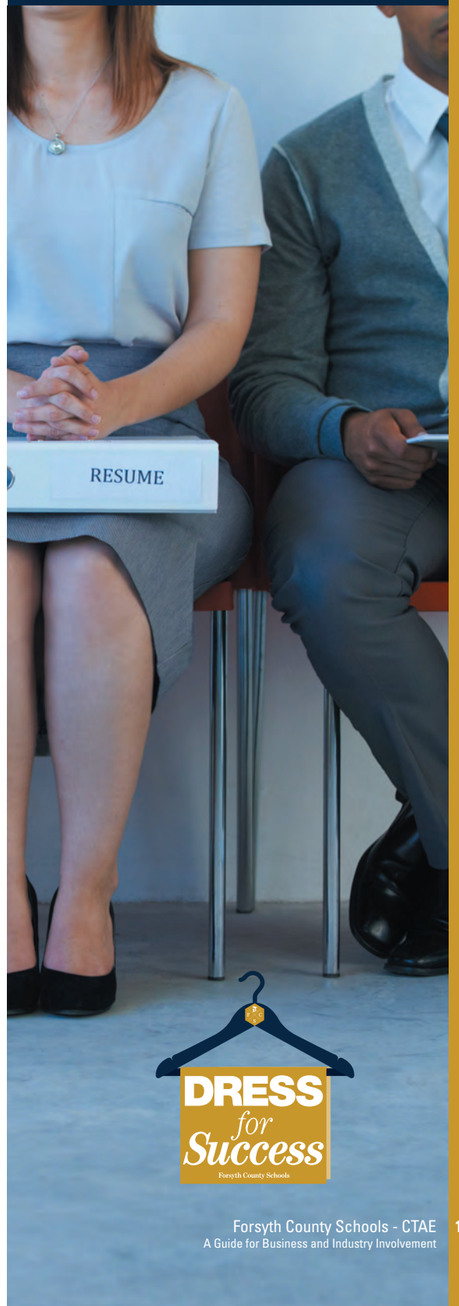
Internship Forsyth program is designed to provide experiences and activities that support a school to career transition. This simply means that students are allowed to work off campus in the business community in order to learn more about a chosen career. Once a student has met all requirements, the Coordinator will determine the correct placement for the student. The students will earn one unit of credit for each completed course.

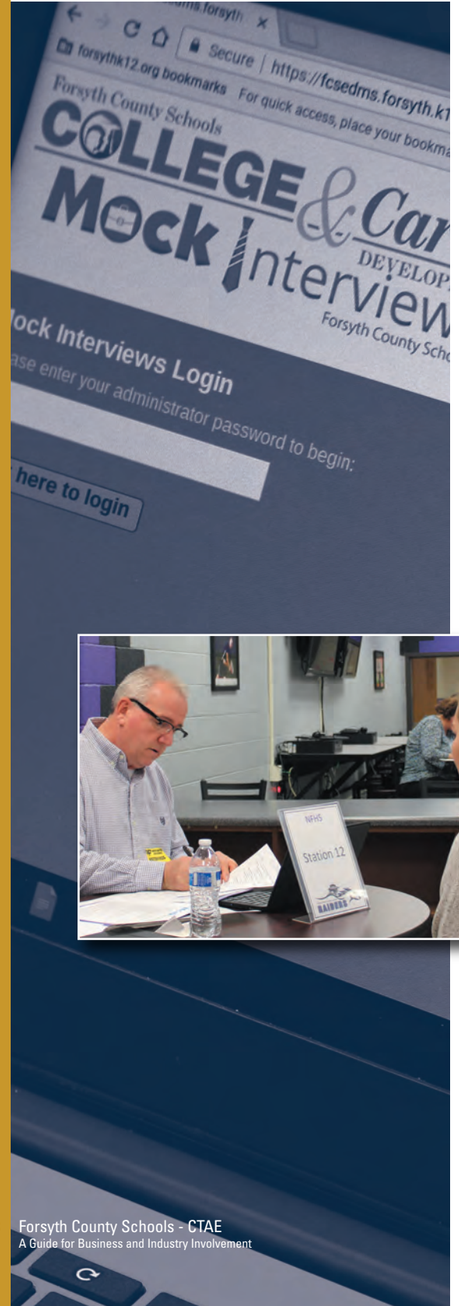
CAREER DEVELOPMENT SPECIALIST
The FCS follows the state model where each high school has one Career Development Specialist. The coordinator is required to attend GADOE trainings, as well as all region meetings. Some responsibilities of the coordinator include: properly placing students in the right course number, finding job or internship placements for students, creating business partnerships, conducting employer/mentor training, visiting jobsites four times annually, using CNet to record all data such as job visits and wage/hour reports, teaching employability skills, coordinating shadow days, and being active in community groups such as the Chamber of Commerce.

INTERNSHIP FORSYTH
WORK-BASED LEARNING
Forsyth County Schools

DRESS FOR SUCCESS

THROUGHOUT CAREER AND TECHNICAL EDUCATION CURRICULUM IN FORSYTH COUNTY, occupational dress codes are studied as part of the pathway. In addition, students are taught and shown examples of proper interview attire in preparation for community Mock Interview Weeks, CTSO events, scholarship interviews, graduation ceremonies, and other important times during their high school careers. Because of the emphasis placed on appropriate dress, all high schools implement Dress for Success Days several times each school year. Overall, this program seeks to remind students that clothing and appearance are important parts of making a good impression.





MOCK INTERVIEWS

EACH YEAR IN FORSYTH COUNTY, several thousand high school juniors and seniors participate in community-led mock interviews through their third-year career pathway course or through their participation in Internship Forsyth. A mock interview provides students with a professional one-on-one opportunity to practice their interviewing and resume writing skills with a member of the business community. The experience also allows students immediate verbal and written feedback from the business community regarding their interview performance, resume, and professional dress. Thanks to support from the Forsyth County Chamber, the Rotary Clubs of Forsyth County, and other business/industry/community volunteers, all eight high schools participate in this meaningful experience.

A FOCUS ON THE SCHOOL YEAR INCLUDES THE FOLLOWING STANDARDS:

- *Attitude*
- *Initiative*
- *Flexibility*
- *Organization*
- *Discipline*
- *Integrity*
- *Respect*
- *Effective Communication*
- *Teamwork*
- *Attendance and Punctuality*
- *Customer Service*
- *Critical Thinking and Problem Solving*
- *Professionalism*
- *Adherence to Policy*
- *Technology Usage and Social Media Ethics*

Forsyth County Schools MOCK Interviews

ROTARY INTERNATIONAL

FORSYTH COUNTY CHAMBER

FCS JOB POSTING BOARD

www.forsyth.k12.ga.us/jobboard

THE DISTRICT'S JOB POSTING BOARD seeks to list job opportunities specifically available to high school students in the surrounding area which are listed by employment category. FCS job posting services are available to local employers, business, industry, government, and non-profit organizations for assistance in seeking qualified employees or interns. To place a listing as an employer or search jobs available as a student, visit www.forsyth.k12.ga.us/jobboard. The FCS Job Posting Board acts only as a posting service and makes no particular recommendations regarding employers or students applying for jobs.

DISCLAIMER: FCS Job Posting Board acts only as a posting service and makes no particular recommendations regarding employers or students applying for jobs. We make no representations or guarantees about positions listed by the employer, not do we make guarantees about students applying for these positions. FCS is not responsible for safety, wages, working conditions, or other aspects of off-campus employment. Due to the volume of jobs received by our office, we are unable to research each organization or person that lists a job with us, not are we able to research each student who applies for these positions. Administrators review all positions that are submitted for posting, and reserves the right to reject positions.

CREDENTIALS OF VALUE/ STUDENT INDUSTRY CERTIFICATIONS

FORSYTH COUNTY SCHOOLS, like many other career and technical education programs around the state and nation, has worked in recent years to establish a measurement mechanism to ascertain the level of technical skill attainment on behalf of its career pathway completers. In working to identify existing assessment (or credentialing) opportunities that would not only support the mandates set forth in Perkins Legislation, but would also support Georgia students in their quest to leave high school with valuable credentials, the state's technical skill attainment inventory is comprised of several measurement components:

- *industry certifications/credentials*
- *occupational assessments, and*
- *state licensures and state developed assessments*

Forsyth County administered approximately 2,000 industry credentialing exams last school year in the following areas:

- *Accounting - Basics Assessment*
- *ACIO: Axelta Certified IoT Professional*
- *Adobe Certified Associate (ACA): Adobe Premiere Pro*
- *Agricultural Science*
- *ASE Certifications*
- *Athletic Training Student Aide Assessment*
- *Biotechnology Assessment*
- *CIW Site Development Associate*
- *Emergency Medical Responder (EMR)*
- *Engineering Assessment*
- *Financial & Investment Planning Assessment*
- *General Management Assessment*
- *Human Resources Management Assessment*
- *Microsoft Office Specialist (MOS) 2016*
- *National Certified Phlebotomy Technician (NCPT)*
- *National Health Science Assessment*
- *NOCTI Certifications*
- *Manufacturing Certification*
- *Microsoft Technology Associate (MTA): Software Development Fundamentals*
- *QuickBooks*
- *Secondary Culinary Graduate Certification ACFEF*
- *Security + Certification*
- *ServSafe Food Safety Handler Certification*
- *SkillsUSA Certifications*
- *Teaching as a Profession Assessment*

INDUSTRY CERTIFIED PROGRAMS

WHEN A PROGRAM BECAME INDUSTRY CERTIFIED, it received a "stamp of excellence", which represents the apex of program quality. Only those programs that have successfully undergone rigorous reviews by leaders from business and industry are recognized with this distinction. The State Department of Education is committed to the industry certification process as a part of its effort to strengthen technical and academic standards for all Career, Technical, and Agricultural Education (CTAE) programs.

This Formal Process Strengthens All Program Components, Including:

- *Classrooms and labs which are equipped with state-of-the-art equipment and technology;*
- *CTAE and academic performance standards that are aligned to national standards;*
- *In-depth, project-based instruction in all curriculum areas; school-based enterprises and entrepreneurial ventures;*
- *Career and Technical Student Organizations (CTSOs) which offer co-curricular competitive events on the local, state and national level and provide leadership development skills for personal and professional growth; and,*
- *Business, industry and community involvement in all aspects of the program.*

Industry certified programs not only offer outstanding opportunities to students who receive instruction through such programs; but they also offer positive benefits for schools as well as employers.

INDUSTRY Certified

INDUSTRY CERTIFIED PROGRAMS IN FORSYTH COUNTY

Agriculture Certified by Georgia Farm Bureau
Denmark High School
North Forsyth High School

Automotive Service Technology Certified by NATEF
Forsyth Central High School

A/V, Technology, and Film Certified by MEFGA
Forsyth Central High School
Lambert High School
North Forsyth High School
West Forsyth High School

Business and Computer Science Certified by SHRM
Alliance Academy for Innovation
Denmark High School
Forsyth Central High School
Lambert High School
North Forsyth High School
South Forsyth High School
West Forsyth High School

Construction
East Forsyth High School

Culinary Arts Certified by ACFEF
Denmark High School
East Forsyth High School
Lambert High School
South Forsyth High School
West Forsyth High School

Early Childhood Education
East Forsyth High School

Engineering/Mechatronics Certified by ITEGA
Alliance Academy for Innovation
Denmark High School
Forsyth Central High School
Lambert High School
North Forsyth High School
South Forsyth High School
West Forsyth High School

Food and Nutrition Certified by Georgia Nutrition and Food Science Foundation, Inc. and Sodexo
Forsyth Central High School
Lambert High School
North Forsyth High School
West Forsyth High School

Healthcare Science Certified by HomeTown Health
Alliance Academy for Innovation
Lambert High School
North Forsyth High School

Marketing Certified by AMA
Alliance Academy for Innovation
Denmark High School
East Forsyth High School
Forsyth Central High School
Lambert High School
North Forsyth High School
South Forsyth High School
West Forsyth High School

CAREER & TECHNICAL STUDENT ORGANIZATIONS

CTSOS ARE CO-CURRICULAR ORGANIZATIONS WITH LEADERSHIP PROGRAMS AND COMPETITIVE EVENTS which reflect current curriculum standards and competencies for the instructional programs they serve. Teachers infuse CTSO activities into the instructional activities, thereby helping students see the real world value of their academic studies.

The mission of Georgia CTI is to provide meaningful leadership and employment experiences for students with disabilities through career, technical and agricultural education courses.

Applicable Pathways: All CTAE Career Clusters and Pathways

The mission of DECA, an Association of Marketing Students, is to prepare emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges around the globe.

Applicable Pathways: Marketing and Management • Fashion Marketing • Sports and Entertainment Marketing • Marketing Communications and Promotion • Hospitality and Tourism • Finance • Business Management and Administration

The mission of Georgia FBLA is to bring business and education together in a positive working relationship through innovative leadership and career development programs.

Applicable Pathways: Accounting • Computer Science • Cybersecurity • Entrepreneurship • Financial Services • Financial Technology • Game Design • Human Resources Management • Networking • Programming • Web Development

The mission of FCCLA is to promote personal growth and leadership development through family and consumer sciences education. Focusing on the multiple roles of family member, wage earner and community leaders, members develop skills for life through -- character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation.

Applicable Pathways: Culinary Arts • Early Childhood Education • Fashion • Interiors • Nutrition and Food Science • Teaching as a Profession • Textiles

CAREER & TECHNICAL STUDENT ORGANIZATIONS

The mission of FFA, Future Farmers of America, is to make a positive difference in the lives of young people by developing their potential for premier leadership, personal growth, and career success through agricultural education.

Applicable Pathways: Agriculture Leadership • Animal Science • Companion Animal Systems • Evironmental Agriculture Systems • Landscape Management Systems • Veterinary Science

The mission of FIRST Robotics is to inspire young people to be science and technology leaders and innovators, by engaging them in exciting mentor-based programs that build science, engineering, and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.

Applicable Pathways: Engineering • Mechatronics

The mission of HOSA is to enhance the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development for all health science technology education students, therefore, helping students to meet the needs of the health care community.

Applicable Pathways: Biotechnology Research & Development • Emergency Medical Responder • Health Information Technology • Phlebotomy • Sports Medicine • Therapeutic Services

The mission of SkillsUSA is to help its members become world class workers, leaders and responsible American citizens. SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel.

Applicable Pathways: Animation and Digital Media • Architectural Drawing and Design • Automotive Technology • A/V, Technology & Film • Aviation Maintenance • Carpentry/Construction • Cosmetology • Firefighting • Flight Operations • Graphic Design • Law Enforcement/Forensic Science • Legal Services/Applications of Law • Personal Care Services

The mission of the Technology Student Association is learning to lead in a technical world. TSA enhances personal development, leadership, and career opportunities in STEM, whereby members apply and integrate these concepts through intracurricular activities, competitions, and related programs.

Applicable Pathways: Energy Systems • Engineering • Mechatronics

CAREER AND TECHNICAL STUDENT ORGANIZATIONS

WHAT IS CAREER, TECHNICAL, & AGRICULTURAL EDUCATION?

92% of high school students and 69% of college and adult students are engaged in CTAE, learning skills in the classroom and on the job.

CTAE PREPARES THE WORKFORCE ACROSS A WIDE RANGE OF INDUSTRIES AND OCCUPATIONS.

CTAE is delivered at comprehensive and CTAE-dedicated high schools, magnet schools, area technical centers, community and technical colleges, and some four-year universities.

CTAE students earn industry certifications and licenses, postsecondary certificates, associate degrees, bachelor's degrees, and higher.

CTAE is good for students, good for businesses, and good for communities.

CTAE high school students are college and career ready – **94%** graduate high school, and most enroll directly in college.

CTAE associate degrees can pay **$10,000 more** per year than associate degrees in other fields - and can even pay more than bachelor's degrees – while limiting student debt.

LEARN MORE ABOUT CTAE AT CTAEDELIVERS.ORG.

CTAE DELIVERS Georgia FUTURE WORKFORCE
GaDOE Career, Technical, and Agricultural Education

CTAE answers the nation's projected deficit of **6.5 million,** including infrastructure, healthcare, and manufacturing jobs.

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business Management & Administration
- Education & Training
- Energy
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics (STEM)
- Transportation, Distribution & Logistics

*Adapted from ACTE's February 2022, What is Career and Technical Education

FORSYTH COUNTY SCHOOLS

STRATEGIC PLAN 2022-2027

GOAL AREAS

THE LEARNER EXPERIENCE
- Increase student achievement and growth
- Increase student engagement
- Develop and sustain consistent assessment and grading practices

STAFF RECRUITMENT & DEVELOPMENT
- Acquire and retain excellent staff
- Build and develop individual staff capacity

CULTURE, CLIMATE, & COMMUNITY
- Increase meaningful home, school, and community partnerships
- Work collaboratively with all people to promote inclusivity, school pride, & belonging

SOCIAL & EMOTIONAL HEALTH
- Foster healthy digital interactions
- Expand access to mental health resources and strategies
- Promote respect, wellness, and balance for staff and students

OPERATIONAL EXCELLENCE
- Plan and adapt for growth
- Manage financial resources
- Plan and allocate resources

VISION

A safe, connected, and thriving community for all

MISSION

To provide an unparalleled education for all to succeed

BELIEF STATEMENTS

- Respect and empathy are vital to building trust.
- All students and staff must be connected and supported.
- All students and staff must have a strong sense of purpose.
- All students and staff must be challenged to think critically and creatively.
- Family and community engagement are essential to continuous improvement.

WWW.FORSYTH.K12.GA.US

PARTNER CONNECT INTENT FORM

THANK YOU FOR YOUR INTEREST IN PARTNER CONNECT.

Please complete the form below or scan the QR code to register online (https://www.forsythpartnerconnect.org/register-now) to tell us more about you, and we will work to find the perfect opportunity.

A member of our team will be in touch shortly to schedule a follow-up call or virtual meeting to better understand your partnership goals and commitment. The district also hosts monthly virtual training sessions for initial interest. Visit www.forsyth.k12.ga.us/community for more information.

As a part of this program, you will receive district newsletters, invitations to community and cultural events, and announcements about volunteer opportunities and partner training.

FORSYTH COUNTY SCHOOLS WILL:

- *Be available to both partner and school to facilitate and guide all parties through the planning, implementation, and evaluation stages of a partnership.*
- *Identify opportunities that align with the Partner's interests and resources.*
- *Meet at least once a semester with the Partner to discuss opportunities and keep FCS informed of goals and events.*
- *Plan partnership goals and activities that align with school improvement plans.*
- *Provide partnership development and celebration opportunities.*
- *Publicly display Partner Connect involvement.*
- *Share photos, stories of success, and events on social media sites and newsletters.*
- *Collaborate with school and partner to review and evaluate partnership growth.*

THE PARTNER WILL:

- *Commit to work with schools for the school year and have active participation.*
- *Provide a point of contact to coordinate logistics and communications.*
- *Participate in planning meetings or recognition events as appropriate.*
- *Support FCS students and staff through activities such as mentoring, volunteering, donations, or career exposure.*
- *Consider attending a one-hour pathway advisory council meeting (once a semester).*
- *Display your participation in Partner Connect, such as a decal or partnership certificate, in your place of business.*
- *Like and follow Forsyth County Schools on Facebook, Instagram, X, and LinkedIn. Share photos, stories of success, and events.*
- *Report volunteer activities in our Partner Connect platform.*
- *Notify the school of any changes in availability or staffing that may affect the partnership.*
- *Maintain a working relationship with the Community Engagement and Lifelong Education Department.*

PARTNER CONNECT

PARTNER CONNECT INTENT FORM

Primary Partnership Contact

Partnering Company/Organization Name (if applicable)

Title (if applicable)

Address

City

State

Zip

Work Phone

Cell Phone

Email Address

Partner Representative

Chief of Community Engagement and Lifelong Education

Director of College & Career Development

Date of Partnership Agreement

PLEASE DESIGNATE AREAS YOU ARE INTERESTED IN PARTNERING:

- ☐ Advisory Board/Pathway Partner
- ☐ Athletic and Activity Sponsor
- ☐ Award/Recognition Program
- ☐ Career Fair Participant
- ☐ Career Transition Support for Students with Special Needs
- ☐ Celebration/Appreciation Event
- ☐ Classroom Speaker or Volunteer
- ☐ Community and Cultural Event
- ☐ CTSO Support (Career Tech Student Organizations)
- ☐ Educator Discount
- ☐ Education Foundation Partnership
- ☐ FoCAL Partnership
- ☐ In-Kind/Monetary Donation
- ☐ Junior Achievement Discovery Center Volunteer
- ☐ Mentor/Tutor
- ☐ Mock Interviews
- ☐ School Supply Donation
- ☐ Student Experience (field trip/ industry tour/showcases)
- ☐ Student Internship/Teacher Externship Host
- ☐ Instructional Support and Resources (curriculum/equipment/labs)

Forsyth County Schools
COLLEGE & CAREER
DEVELOPMENT

1160 Dahlonega Highway, Cumming, GA 30040
www.forsyth.k12.ga.us/ctae