



FORSYTH COUNTY SCHOOLS

CAREER, TECHNICAL, AND AGRICULTURAL EDUCATION

A Guide for Business and Industry Involvement

Forsyth County Schools

COLLEGE & *Career*
DEVELOPMENT



FORSYTH COUNTY SCHOOLS CAREER, TECHNICAL, AND AGRICULTURAL EDUCATION

A Guide for Business and Industry Involvement

TABLE OF CONTENTS

- 4 Workforce Forsyth
- 5 What are Clusters and Pathways?
- 6-15 Career Pathways
- 16 Internship Forsyth
- 17 Mentorship Forsyth
- 18 Dress for Success
- 19 Mock Interviews
- 20 Notes
- 21 FCS Job Posting Board
- 22 Credentials of Value/Student Industry Certifications
- 23 Industry Certified Programs
- 24-25 Career Technical Student Organizations
- 26 What is CTAE
- 27 How to Get Involved Form



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:

Dr. Valery Lowe, *Director of College & Career Development*
1100 Lanier 400 Parkway, Cumming, GA 30040
770-887-2461 x 202247
vlowe@forsyth.k12.ga.us
www.forsyth.k12.ga.us/ctae



FCS CAREER DEVELOPMENT

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

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 three CTAE courses in a specific program area during their high school career.

PATHWAY COMPLETER: A pathway completer is a concentrator who completes the requirements for the Georgia Milestones Assessment System and also completes the requirements for CTAE pathway concentrators.

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.



WHAT ARE CLUSTERS AND PATHWAYS?



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.

ANIMATION AND DIGITAL MEDIA PATHWAY

Students will gain knowledge in animation history, basic modeling, and fundamentals of motion while working to incorporate effective sound and lighting techniques, as well as 3-D space morphing into their animated projects.

Courses of Study Offered
Introduction to Digital Media
Principles and Concepts of Animation
Advanced Animation, Game, and App Design

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

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

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

ENVIRONMENTAL AGRICULTURE SYSTEMS PATHWAY

Environmental engineers research, design, plan, or perform engineering duties in the prevention, control, and remediation of environmental hazards using various engineering disciplines.

Courses of Study Offered
Basic Agriculture Science
Environmental Science and Stewardship
Sustainable Agriculture

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



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 they grow physically, cognitively, and emotionally.

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

TEACHING 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
Examining the Teaching Profession
Contemporary Issues in Education
Teaching as a Profession Practicum



ENERGY CLUSTER

Careers with common knowledge and skills in the designing, planning, maintaining, generating, transmission, and distribution of traditional and alternative energy.

ENERGY SYSTEMS PATHWAY

Students will learn about energy and power industry fundamentals by furthering their knowledge regarding electric power generation, transmission and distribution.

Courses of Study Offered
Foundations of Energy and Power Technologies
Energy and Power: Technology
Appropriate and Alternative Energy Technologies

Like and follow
FCS/College &
Career Development on



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



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.

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

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 Healthcare Science
Emergency Medical Responder

HEALTH INFORMATION TECHNOLOGY PATHWAY

Students study technology that deals with the storage, retrieval, sharing, and use of healthcare information, data, and knowledge for communication and decision making to improve patient care.

Courses of Study Offered

Introduction to Healthcare Science
Essentials of Health Information Technology
Applications of Health Information Technology

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

SPORTS MEDICINE PATHWAY

General overview of athletic training, sports medicine and its history. This includes information about injury prevention, treatment, rehabilitation, emergency injury management and administrative functions.

Courses of Study Offered

Introduction to Healthcare Science
Essentials of Healthcare
Sports Medicine



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

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 are introduced to business fundamentals, product knowledge, management, interpersonal skill, selling, marketing, economics, distribution, pricing, public relations, sales, business risks, and organization.

Courses of Study Offered

Marketing Principles
Introduction to Sports & Entertainment Marketing
Advanced Sports and Entertainment Marketing



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

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

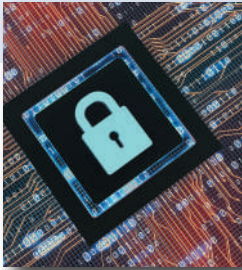
Foundations of Interior Design
Fundamentals of Fashion
Textile Science

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.

COMPUTER SCIENCE PATHWAY

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

Courses of Study Offered
Introduction to Digital Technology
Computer Science Principles
AP Computer Science

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 Digital 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 Digital Technology
Computer Science Principles
Game Design: Animation and Simulation

INTERNET OF THINGS PATHWAY

The impact of computing on the world engages creativity, demonstrate and build problem solving all while connecting the relevance of computer science.

Courses of Study Offered
Introduction to Digital Technology
Computer Science
Embedded Computing

PROGRAMMING PATHWAY

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

Courses of Study Offered
Introduction to Digital 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 Digital 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..

FIREFIGHTING PATHWAY

Students learn how frequently the first emergency personnel are at the scene of a traffic accident or medical emergency and may be called upon to put out a fire, treat injuries or perform other vital functions.

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

LAW ENFORCEMENT/CRIMINAL INVESTIGATIONS PATHWAY

Provide students with career-focused educational opportunities in various public safety fields. Courses cover tactics, methods, and skills utilized in law enforcement and other public safety organizations.

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

MANUFACTURING PATHWAY

Students will learn about CAD, CNC, CAM, programmable logic controllers, AGV, and CIM.

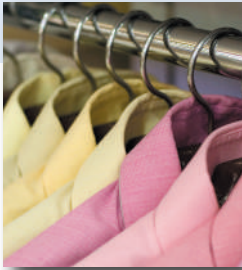
Courses of Study Offered
Foundations of Manufacturing & Materials Science
Robotics and Automated Systems
Production Enterprises

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

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.

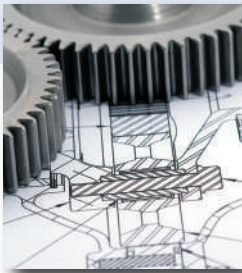
Courses of Study Offered
Marketing Principles
Marketing and Entrepreneurship
Marketing Management

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
Promotion and Professional Sales
Marketing Communications Essentials

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

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 - AVIATION MAINTENANCE PATHWAY

Students learn the basics of aircraft maintenance, performance, and design. This includes the occupational area of aviation maintenance as currently understood and practiced by the Federal Aviation Administration (FAA).

Courses of Study Offered
Fundamental of Aerospace
Aviation Maintenance I
Aviation Maintenance II

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

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

DISTRIBUTION AND LOGISTICS PATHWAY

Students learn researching applicable vehicle and service information, service history, precautions and technical service bulletins. Basic tasks covered include fluid changes, belt replacement, brake, and tire service.

Courses of Study Offered
Logistics Fundamentals
Logistics Operations
Materials Management

Like and follow
FCS/College &
Career Development on



INTERNSHIP FORSYTH

www.forsyth.k12.ga.us/Page/48817

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 COORDINATORS

The FCS follows the state model where each high school has one Career Development Coordinator. 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

Internship Forsyth is a structured experience which connects classroom learning to an engaging job opportunity. Internships can be paid or unpaid. Students are allowed to leave the school campus to intern with local businesses, earning course credit for the experience.



WHY PARTICIPATE IN INTERNSHIP FORSYTH?

- Start focused preparation for college, careers, and today's workforce!
- Gain access to some of the best jobs/internships in the community. Many employers actively seek high school students who are enrolled in Internship Forsyth.
- Stand out when you apply to college - internships catch the eye of admissions counselors.
- Receive internship/work experience directly related to your chosen career pathway.
- Gain marketable skills.



REQUIREMENTS FOR INTERNSHIP FORSYTH

- Students must have a defined career goal and must have taken or be enrolled in the appropriate related coursework.
- Students must be at least 16 years of age (with reliable transportation).
- Students must have good attendance and grades, positive discipline record, and teacher recommendations.
- **For Additional Information:** Visit a Career Development Coordinator or School Counselor!

INTERNSHIP FORSYTH WORK-BASED LEARNING

Forsyth County Schools

MENTORSHIP FORSYTH is designed to provide high school students challenging and enriching career-oriented opportunities not usually available within the regular classroom. Selected participants understand that this course replaces an otherwise traditional elective credit. Open to juniors and seniors, the program expands the elective curriculum beyond the school site.

Students will work and study under the direction of a Community Mentor – a person of recognized ability and success in the community. This internship incorporates the student’s individual talents and intellectual abilities. The rigorous curriculum and demands of this course require students to be focused, goal-oriented, self-motivated, mature, determined to pursue enriched learning, and passionate about a particular career field.

Selected students understand that they will need to invest a minimum number of hours per week, depending on your class scheduling, in order to receive full credit for the course. This schedule is flexible and both the student and the mentor determine the weekly meeting times. Other requirements for this course include: providing suggested names and/or specific businesses as potential mentors in the chosen career field; attending all meetings with the Mentorship Forsyth Coordinator and Community Mentor, creating a career portfolio, using technology throughout the course, presenting a culminating capstone project to a panel of community professionals, participating in team-building activities, and working with a Community Mentor Professional in his/her career field.

MENTORSHIP FORSYTH JOB SHADOWING

Forsyth County Schools

MENTORSHIP FORSYTH JOB SHADOWING

Forsyth County Schools

Mentorship Forsyth gives motivated, mature students a job shadowing experience designed around the individual student's interest in a specific field or career. Participants will engage with a community mentor and will work with that mentor for the duration of the school year. Mentorships are non-paid experiences in the community. Students are allowed to leave the school campus to job shadow in local businesses and organizations, earning course credit for the experience.



WHY PARTICIPATE IN MENTORSHIP FORSYTH?

- Start focused preparation for college, careers, and today's workforce!
- Explore your passion for a profession.
- Stand out in a competitive college and job market.
- Seek to gain valuable networking skills and contacts.



REQUIREMENTS FOR MENTORSHIP FORSYTH

- Students must be at least 16 years of age (with reliable transportation).
- Students must complete a year-long, career-related capstone project.
- Students must have good attendance and grades, positive discipline record, and teacher recommendations.
- **For Additional Information:** Visit a Career Development Coordinator or School Counselor!

MENTORSHIP FORSYTH

Mentorship Forsyth is a year-long blended learning experience for motivated and mature 11th and 12th grade students!

www.forsyth.k12.ga.us/Page/48817

DRESS FOR SUCCESS

RESUME

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 and Mentorship 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 seven high schools participate in this meaningful experience.

A FOCUS ON THE SCHOOL YEAR INCLUDES THE FOLLOWING STANDARDS:

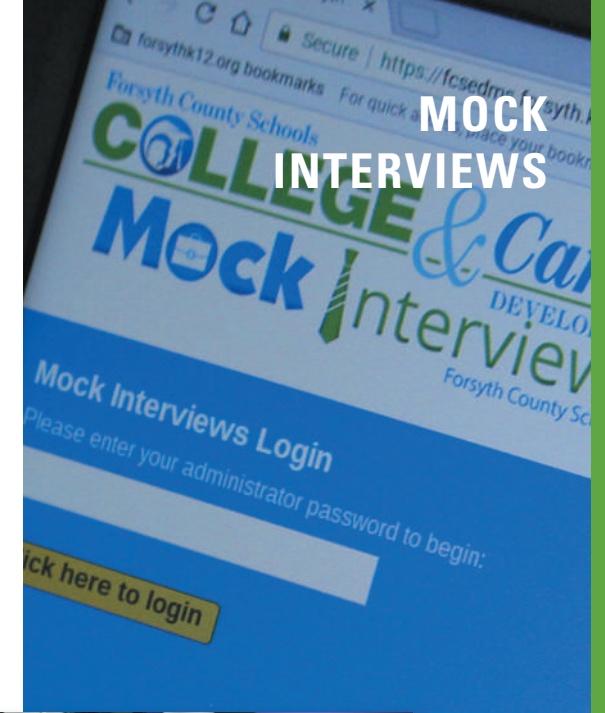
- Attitude
- Initiative
- Flexibility
- Organization
- Discipline
- Integrity
- Respect
- Effective Communication
- Teamwork
- Attendance and Punctuality
- Customer Service
- Critical Thinking and Problem Solving
- Professionalism
- Adherence to Policy
- Technology Usage and Social Media Ethics

Mock Interviews
Forsyth County Schools



FORSYTH
COUNTY CHAMBER

MOCK INTERVIEWS





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, nor 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, nor 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.

www.forsyth.k12.ga.us/jobboard

CREDENTIALS OF VALUE/STUDENT INDUSTRY CERTIFICATIONS

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 PROGRAMS

INDUSTRY CERTIFIED PROGRAMS IN FORSYTH COUNTY

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):
Lambert High School
North Forsyth High School
South Forsyth High School
West Forsyth High School

Culinary Arts (Certified by ACFEF):
Lambert High School
North Forsyth High School
South Forsyth High School
West Forsyth High School

Engineering (Certified by ITEGA):
Forsyth Central High School
Lambert High School
North Forsyth High School
South 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):
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: Hospitality, Recreation and Tourism; Fashion Merchandising and Retail Management; Marketing and Management; Marketing Communications and Promotions; Sports and Entertainment Marketing



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: Advanced Accounting; Business Accounting; Computer Science; Cybersecurity; Entrepreneurship; Financial Services; FinTech; Game Design; Human Resources Management; Internet of Things; 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; Interiors, Fashion, and Textiles; Nutrition and Food Science; Teaching as a Profession



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: Companion Animal Systems; Environmental 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 and Technology; Manufacturing; 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 and Development; Emergency Medical Responder; Health Information Technology; Phlebotomy; Sports Medicine,



SkillsUSA's mission 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; Architecture Drawing and Design; Audio/Video Technology and Film; Automotive Technology; Aviation Maintenance; Carpentry/Construction; Cosmetology; Distribution and Logistics; Energy; Firefighting; Flight Operations; Graphic Design; Law Enforcement/Criminal Investigations; Legal Services/Applications of Law

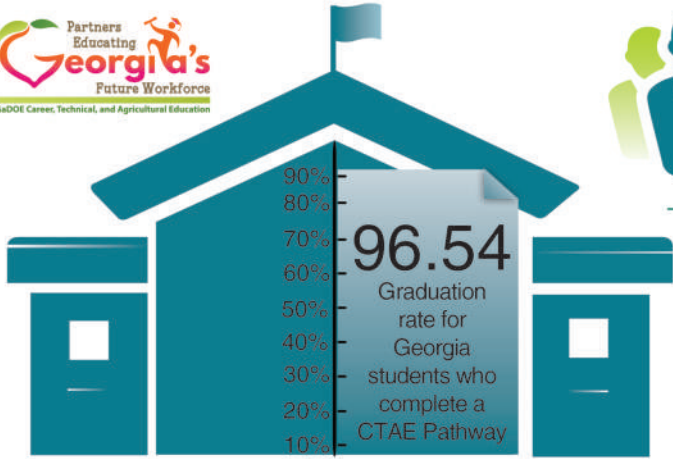


The mission of the Technology Student Association is learning to lead in a technical world. TSA enhances personal development, leadership, and career opportunities in STEM, whereby members apply and integrate these concepts through intracurricular activities, competitions, and related programs.

Applicable Pathways: Engineering and Technology; Manufacturing; Mechatronics

CAREER & TECHNICAL STUDENT ORGANIZATIONS

What is Career, Technical and Agricultural Education?



Fulfills employer needs that are

**High-Skill
High-Wage
In-Demand**



Includes high schools, career academies, community and technical colleges, four-year universities and more.



Real High School
Experience with
Added Value



Real
Opportunities for
College &
Rewarding
Careers



Real-World
Workforce-Ready
Skills

*Adapted from the ACTE "What is Career and Technical Education?" Publication



CAREER DEVELOPMENT PARTNER FORM

FCS AND THE OFFICE OF COLLEGE AND CAREER DEVELOPMENT AGREES TO:

- Be available to both partner and school to facilitate and guide all parties through the planning, implementation and evaluation stages of a partnership.
- Meet at least once a semester with the Career Development 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 FCS Career Development Partner involvement.
- Share photos, stories of success, and events on the FCS/College & Career Development social media sites and newsletters.
- Collaborate with school and partner to review and evaluate Partnership growth.
- Administer a Career Development Platform.

THE PARTNER AGREES TO:

- Commit to work with schools for the school year and have active participation in a career pathway. See opportunities on next page.
- Attend a one-hour pathway advisory council meeting (once a semester).
- Display your Career Development Partnership, such as a decal or partnership certificate, in your place of business.
- Like and follow FCS/College & Career Development on Facebook Instagram, and Twitter. Share photos, stories of success, and events.
- Report volunteer activities in our Career Development Platform.
- Maintain a working relationship with a Pathway Leader or Career Development Coordinator, and alert school and FCS of any changes.

Partner Representative

Career Development Coordinator

Director of College & Career Development

Date of Partnership Agreement



CAREER DEVELOPMENT PARTNER FORM

CAREER DEVELOPMENT
OPPORTUNITIES
FOR PARTICIPATION –

PLEASE DESIGNATE AREAS
YOU CAN ASSIST!

- ☐ Certification/Curriculum Advice
- ☐ Job Shadowing/Field Trips
- ☐ College & Career Fair Participation
- ☐ Internships
- ☐ Mentorships
- ☐ Mock Interviews
- ☐ Classroom Speaker
- ☐ Teacher Externships
- ☐ Advisory Council
- ☐ Facilities/Equipment Advice
- ☐ CTSO Support
- ☐ Competitive Event Judging
- ☐ Awards/Recognition Support
- ☐ Career Transitions for Students with Special Needs and/or At-Risk Students

Like and follow
FCS/College &
Career Development on



Registration Form		
Contacts for the FCS Career Development Partnership will receive a quarterly e-newsletter, invitations to special events and trainings and announcements about volunteer opportunities.		
Partnering Company/Organization Name:		
We Would Like to Partner with the Following Schools:		
Primary Partnership Contact:		
Title:		
Company Address:		
City:	State:	Zip Code:
Work Phone:		Cell Phone:
E-mail:		
Additional Contacts for this Partnership		
Name of Additional Contact (if applicable):		
Partnering Company/Organization Name (if different than above):		
Title:		
Address:		
City:	State:	Zip Code:
Work Phone:		Cell Phone:
E-mail:		
Name of Additional Contact (if applicable):		
Partnering Company/Organization Name (if different than above):		
Title:		
Address:		
City:	State:	Zip Code:
Work Phone:		Cell Phone:
E-mail:		