

Find Your Passion!

2021-2022



FORSYTH COUNTY HIGH SCHOOL CAREER PATHWAYS

AGRICULTURE CLUSTER

- ✓ **Companion Animal Systems Pathway (D)**
 - Basic Agriculture Science
 - Animal Science and Biotechnology
 - Small Animal Care*
 - Internship Forsyth or Mentorship Forsyth
- ✓ **Environmental Agriculture Systems Pathway (N)**
 - Basic Agriculture Science
 - Environmental Science and Stewardship
 - Sustainable Agriculture*
 - Internship Forsyth or Mentorship Forsyth
- ✓ **Landscape Management Systems Pathway (S)**
 - Basic Agriculture Science
 - General Horticulture and Plant Science
 - Turf Production and Management*
 - Internship Forsyth or Mentorship Forsyth
- ✓ **Veterinary Science Pathway (C, D)**
 - Basic Agriculture Science
 - Animal Science and Biotechnology
 - Veterinary Science*
 - Internship Forsyth or Mentorship Forsyth

ARCHITECTURE AND CONSTRUCTION CLUSTER

- ✓ **Architectural Drawing and Design Pathway (E)**
 - Introduction to Drafting and Design
 - Architectural Drawing and Design I
 - Architectural Drawing and Design II*
 - Internship Forsyth or Mentorship Forsyth

- ✓ **Carpentry/Construction Pathway (E)**
 - Industry Fundamentals and Occupational Safety
 - Introduction to Construction
 - Carpentry I*
 - Internship Forsyth or Mentorship Forsyth

ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS CLUSTER

- ✓ **Audio-Video Technology and Film Pathway (C, E, L, N, S, W)**
 - Audio & Video Technology & Film
 - Audio & Video Technology & Film II
 - Audio & Video Technology & Film III*
 - Internship Forsyth or Mentorship Forsyth
- ✓ **Animation and Digital Media Pathway (N)**
 - Introduction to Digital Media
 - Principles and Concepts of Animation
 - Advanced Animation, Game, and app Design*
 - Internship Forsyth or Mentorship Forsyth
- ✓ **Graphic Design Pathway (A)**
 - Introduction to Graphics and Design
 - Graphic Design and Production
 - Advanced Graphic Design*
 - Internship Forsyth or Mentorship Forsyth

BUSINESS, MANAGEMENT, & ADMINISTRATION CLUSTER

- ✓ **Entrepreneurship Pathway (D, E, L, S)**
 - Introduction to Business and Technology
 - Legal Environment of Business
 - Entrepreneurship*
 - Internship Forsyth or Mentorship Forsyth



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|--|--------------------------|---------------------------|
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FORSYTH COUNTY HIGH SCHOOL CAREER PATHWAYS



✓ **Human Resources Management Pathway (S)**

- Introduction to Business and Technology
- Legal Environment of Business
- Human Resources Principles*
- Internship Forsyth or Mentorship Forsyth

EDUCATION AND TRAINING CLUSTER

✓ **Early Childhood Education Pathway (E)**

- Early Childhood Education I
- Early Childhood Education II
- Early Childhood Education Practicum*
- Internship Forsyth or Mentorship Forsyth

✓ **Teaching as a Profession Pathway (A, C, D, E, L, N, S, W)**

- Examining the Teaching Profession
- Contemporary Issues in Education
- Teaching as a Profession Practicum*
- Internship Forsyth or Mentorship Forsyth

ENERGY CLUSTER

✓ **Energy Systems Pathway (A)**

- Foundations of Energy Technologies
- Energy and Power Technology
- Appropriate and Alternative Energy Technologies*
- Internship Forsyth or Mentorship Forsyth

FINANCE CLUSTER

✓ **Advanced Accounting Pathway (L, S)**

- Introduction to Business and Technology
- Principles of Accounting I
- Principles of Accounting II*
- Internship Forsyth or Mentorship Forsyth

✓ **Business Accounting Pathway (F)**

- Introduction to Business and Technology
- Financial Literacy
- Principles of Accounting I*
- Internship Forsyth or Mentorship Forsyth

✓ **Financial Services Pathway (D, F, L)**

- Introduction to Business and Technology
- Financial Literacy
- Banking, Investing and Insurance*
- Internship Forsyth or Mentorship Forsyth

✓ **Financial Technology (FinTech) Pathway (A)**

- Introduction to Financial Technology
- Financial Technologies and Services
- Coding for FinTech*
- Internship Forsyth or Mentorship Forsyth

GOVT & PUBLIC ADMIN CLUSTER

✓ **JROTC Pathway - Marines (N)**

- MCJROTC Leadership Education I/II
- MCJROTC Leadership Education III/IV
- MCJROTC Leadership Education V/VI
- MCJROTC Leadership Education VII/VIII

HEALTH SCIENCE CLUSTER

✓ **Biotechnology Research & Development Pathway (C, L)**

- Introduction to Healthcare Science
- Essentials of Biotechnology
- Applications of Biotechnology*
- Internship Forsyth or Mentorship Forsyth



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FORSYTH COUNTY HIGH SCHOOL CAREER PATHWAYS



- ✓ **Phlebotomy Pathway (L)**
Introduction to Healthcare Science
Essentials of Healthcare
Diagnostics Phlebotomy*
Internship Forsyth or Mentorship Forsyth
- ✓ **Emergency Medical Responder Pathway (A)**
Introduction to Healthcare Science
Essentials of Healthcare
Emergency Medical Responder*
Internship Forsyth or Mentorship Forsyth
- ✓ **Health Information Technology Pathway (A)**
Introduction to Healthcare Science
Essentials of Health Information Technology
Applications of Health Information Technology*
Internship Forsyth or Mentorship Forsyth
- ✓ **Sports Medicine Pathway (N)**
Introduction to Healthcare Science
Essentials of Healthcare
Sports Medicine*
Internship Forsyth or Mentorship Forsyth

HOSPITALITY AND TOURISM CLUSTER

- ✓ **Culinary Arts Pathway (D, E, L, S, W)**
Introduction to Culinary Arts
Culinary Arts I
Culinary Arts II*
Internship Forsyth or Mentorship Forsyth
- ✓ **Hospitality, Recreation and Tourism Pathway (A)**
Marketing Principles
Hospitality, Recreation and Tourism Essentials
Hospitality, Recreation and Tourism Management*
Internship Forsyth or Mentorship Forsyth

- ✓ **Sports and Entertainment Marketing Pathway (C, D, F, L, N, S, W)**
Marketing Principles
Introduction to Sports & Entertainment Marketing
Advanced Sports & Entertainment Marketing*
Internship Forsyth or Mentorship Forsyth

HUMAN SERVICES CLUSTER

- ✓ **Cosmetology Pathway (C, W)**
Introduction to Personal Care Services
Cosmetology Services II
Cosmetology Services III*
Internship Forsyth or Mentorship Forsyth
- ✓ **Nutrition and Food Science Pathway (C, L, N, W)**
Food, Nutrition & Wellness
Food for Life
Food Science*
Internship Forsyth or Mentorship Forsyth
- ✓ **Interiors, Fashion, and Textiles Pathway (E)**
Foundations of Interior Design
Fundamentals of Fashion
Textile Science*
Internship Forsyth or Mentorship Forsyth

INFORMATION TECHNOLOGY CLUSTER

- ✓ **Computer Science Pathway (A, C, D, E, F, L, N, S, W)**
Introduction to Digital Technology
Computer Science Principles or AP Computer Science Principles
AP Computer Science*
Internship Forsyth or Mentorship Forsyth



Forsyth County Schools COLLEGE & Career DEVELOPMENT

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FORSYTH COUNTY HIGH SCHOOL CAREER PATHWAYS



- ✓ **Cybersecurity Pathway (A)**
Introduction to Digital Technology
Introduction to Cybersecurity
Advanced Cybersecurity*
Internship Forsyth or Mentorship Forsyth
- ✓ **Game Design Pathway (A, F)**
Introduction to Digital Technology
Computer Science Principles or AP Computer Science Principles
Game Design: Animation and Simulation*
Internship Forsyth or Mentorship Forsyth
- ✓ **Internet of Things Pathway (N)**
Introduction to Digital Technology
Computer Science Principles or AP Computer Science Principles
Embedded Computing*
Internship Forsyth or Mentorship Forsyth
- ✓ **Programming Pathway (E, L, S)**
Introduction to Digital Technology
Computer Science Principles
Programming, Games, Apps, and Society*
Internship Forsyth or Mentorship Forsyth
- ✓ **Web Development Pathway (C, F, N, W)**
Introduction to Digital Technology
Computer Science Principles
Web Development*
Internship Forsyth or Mentorship Forsyth

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY CLUSTER

- ✓ **Firefighting Pathway (A)**
Introduction to Law, Public Safety, Corrections and Security
Essentials of Fire and Emergency Services
Applications of Firefighting*
Internship Forsyth or Mentorship Forsyth
- ✓ **Law Enforcement/Criminal Investigations Pathway (A)**
Introduction to Law, Public Safety, Corrections and Security
Criminal Justice Essentials
Criminal Investigations*
Internship Forsyth or Mentorship Forsyth
- ✓ **Legal Services/Applications of Law Pathway (A)**
Introduction to Law, Public Safety, Corrections and Security
Essentials of Legal Services
Applications of Law*
Internship Forsyth or Mentorship Forsyth

MANUFACTURING CLUSTER

- ✓ **Manufacturing Pathway (D)**
Foundations of Manufacturing and Materials Science
Robotics and Automated Systems
Production Enterprises*
Internship Forsyth or Mentorship Forsyth
- ✓ **Mechatronics Pathway (A)**
Introduction to Mechatronics
AC Theory, Electric Motors, and Hydraulic Systems
Semiconductors, Mechanical Systems, and Pump and Piping Systems*
Internship Forsyth or Mentorship Forsyth



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FORSYTH COUNTY HIGH SCHOOL CAREER PATHWAYS

MARKETING CLUSTER

✓ Fashion, Merchandising and Retail Management Pathway (D, S, W)

- Marketing Principles
- Fashion, Merchandising, and Retailing Essentials
- Advanced Fashion, Merchandising, and Retailing*
- Internship Forsyth or Mentorship Forsyth

✓ Marketing Communications and Promotions Pathway (C, E, S)

- Marketing Principles
- Promotion and Professional Sales
- Marketing Communications Essentials*
- Internship Forsyth or Mentorship Forsyth

✓ Marketing & Management Pathway (C, D, E, F, L, N, S, W)

- Marketing Principles
- Marketing and Entrepreneurship
- Marketing Management*
- Internship Forsyth or Mentorship Forsyth

STEM – SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS CLUSTER

✓ Engineering and Technology Pathway (C, D, E, L, N, S, W)

- Foundations of Engineering and Technology
- Engineering Concepts
- Engineering Applications*
- Internship Forsyth or Mentorship Forsyth

TRANSPORTATION, DISTRIBUTION, & LOGISTICS CLUSTER

✓ Aerospace – Aviation Maintenance (A)

- Fundamentals of Aerospace
- Aviation Maintenance I
- Aviation Maintenance II*
- Internship Forsyth or Mentorship Forsyth

✓ Aerospace – Flight Operations (A)

- Fundamentals of Aerospace
- Flight Operations I
- Flight Operations II*
- Internship Forsyth or Mentorship Forsyth

✓ Distribution & Logistics (A)

- Logistics Fundamentals
- Logistics Operations
- Materials Management*
- Internship Forsyth or Mentorship Forsyth

✓ Automotive Technology Pathway (C)

- General Automotive Technology 1
- General Automotive Technology 2
- General Automotive Technology 3*
- Advanced Automotive Technology 4
- Advanced Automotive Technology 5
- Advanced Automotive Technology 6*
- Automotive Service Technology Internship 1
- Automotive Service Technology Internship 2
- Automotive Service Technology Internship 3



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FORSYTH COUNTY HIGH SCHOOL CAREER PATHWAYS



CAREER-RELATED DUAL ENROLLMENT OPTIONS at Lanier Technical College:

- Accounting
- Air Conditioning Technology
- Automotive Collision Repair
- Automotive Technology
- Building Automation Systems
- Business Management/Technology
- Construction Management/Carpentry
- Cosmetology
- Criminal Justice Technology
- Culinary Arts
- Design and Media Production Technology
- Diesel Equipment Technology
- Drafting Technology
- Early Childhood Care and Education
- Electrical Systems Technology
- Engineering Technology
- Horticulture
- Industrial Systems Technology
- Interiors
- Machine Tool Technology
- Marine Engine Technology
- Mechatronics Technology
- Medical Assisting
- Motorsports Vehicle Technology
- Nurse Aide
- Paramedicine
- Pharmacy Technology
- Phlebotomy
- Precision Machining and Manufacturing
- Welding and Joining Technology
- Wireless Engineering Technology

**MANY OTHER PROGRAM
AREAS AVAILABLE!**



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