

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



### Forsyth County Schools **COLLEGE & Career** DEVELOPMENT

- |  |                          |                           |
|--|--------------------------|---------------------------|
| <b>A</b> Alliance Academy for Innovation | <b>E</b> East Forsyth HS | <b>N</b> North Forsyth HS |
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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



### Forsyth County Schools **COLLEGE & Career** DEVELOPMENT

- |  |                          |                           |
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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



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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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