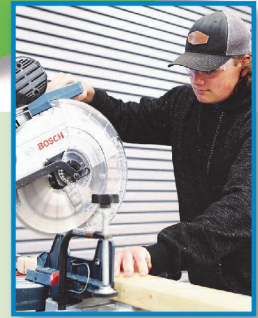




Explore

# 2022-2023 Forsyth County Schools HIGH SCHOOL CAREER PATHWAYS



## AGRICULTURE CLUSTER

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

## 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\*

- ✓ **Carpentry/Construction Pathway (E)**  
Industry Fundamentals and Occupational Safety  
Introduction to Construction  
Carpentry I \*
- ✓ **Heavy Equipment Operations Pathway (E)**  
Industry Fundamentals and Occupational Safety  
Introduction to Heavy Equipment  
Heavy Equipment Operations I\*

## 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\*
- ✓ **Film Production Pathway (C)**  
Audio & Video Technology & Film  
Introduction to Film Production  
Film Production Applications\*
- ✓ **Graphic Design Pathway (A)**  
Introduction to Graphics and Design  
Graphic Design and Production  
Advanced Graphic Design\*

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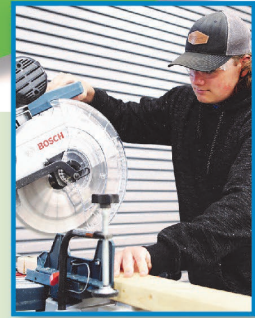
# COLLEGE & Career DEVELOPMENT

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*Explore*

# 2022-2023 Forsyth County Schools HIGH SCHOOL CAREER PATHWAYS



## **BUSINESS, MANAGEMENT, & ADMINISTRATION CLUSTER**

- ✓ **Entrepreneurship Pathway (D, E, S)**  
Introduction to Business and Technology  
Legal Environment of Business  
Entrepreneurship\*
- ✓ **Human Resources Management Pathway (S)**  
Introduction to Business and Technology  
Legal Environment of Business  
Human Resources Principles\*
- ✓ **International Business Pathway (A)**  
Introduction to International Business  
Global Awareness and Cultural Competency  
International Business Concepts\*

## **EDUCATION AND TRAINING CLUSTER**

- ✓ **Early Childhood Education Pathway (E)**  
Early Childhood Education I  
Early Childhood Education II  
Early Childhood Education Practicum\*
- ✓ **Teaching as a Profession Pathway (All High Schools)**  
Examining the Teaching Profession  
Contemporary Issues in Education  
Teaching as a Profession Practicum\*

## **ENERGY CLUSTER**

- ✓ **Energy Systems Pathway (A)**  
Foundations of Energy Technologies  
Energy and Power Technology  
Appropriate and Alternative Energy Technologies\*

## **FINANCE CLUSTER**

- ✓ **Advanced Accounting Pathway (S)**  
Introduction to Business and Technology  
Principles of Accounting I  
Principles of Accounting II\*
- ✓ **Business Accounting Pathway (F, L)**  
Introduction to Business and Technology  
Financial Literacy  
Principles of Accounting I\*
- ✓ **Financial Services Pathway (D, F, L)**  
Introduction to Business and Technology  
Financial Literacy  
Banking, Investing and Insurance\*
- ✓ **Financial Technology (FinTech) Pathway (A)**  
Introduction to Financial Technology  
Financial Technologies and Services  
Coding for FinTech\*

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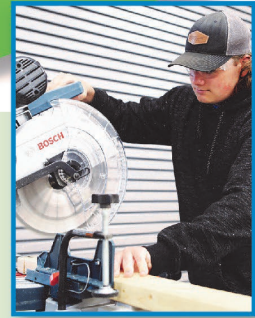
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# 2022-2023 Forsyth County Schools HIGH SCHOOL CAREER PATHWAYS



## 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
- ✓ **Public Management and Administration (A)**  
Introduction to Government and Public Administration  
Government Public Administration: State and Federal Issues  
Government Public Administration: Local and State Issues\*

## HEALTH SCIENCE CLUSTER

- ✓ **Allied Health and Medicine Pathway (W)**  
Introduction to Healthcare Science  
Essentials of Healthcare  
Allied Health and Medicine\*
- ✓ **Biotechnology Research & Development Pathway (C, L)**  
Introduction to Healthcare Science  
Essentials of Biotechnology  
Applications of Biotechnology\*
- ✓ **Emergency Medical Responder Pathway (A)**  
Introduction to Healthcare Science  
Essentials of Healthcare  
Emergency Medical Responder\*

- ✓ **Emergency Medical Technician Pathway (A)**  
Introduction to Healthcare Science  
Essentials of Healthcare  
Emergency Medical Technician\*
- ✓ **Public Health Pathway (N)**  
Introduction to Healthcare Science  
Essentials of Healthcare  
Applications of Public Health\*
- ✓ **Pharmacy Pathway (W)**  
Introduction to Healthcare Science  
Essentials of Healthcare  
Pharmacy Operations and Fundamentals\*
- ✓ **Phlebotomy Pathway (L)**  
Introduction to Healthcare Science  
Essentials of Healthcare  
Diagnostics Phlebotomy\*
- ✓ **Sports Medicine Pathway (L, N)**  
Introduction to Healthcare Science  
Essentials of Healthcare  
Sports Medicine\*

## HOSPITALITY AND TOURISM CLUSTER

- ✓ **Culinary Arts Pathway (D, E, L, S, W)**  
Introduction to Culinary Arts  
Culinary Arts I  
Culinary Arts II\*

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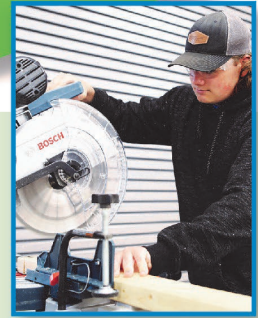
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Explore

# 2022-2023 Forsyth County Schools HIGH SCHOOL CAREER PATHWAYS



- ✓ **Hospitality, Recreation and Tourism Pathway (A)**  
Marketing Principles  
Hospitality, Recreation and Tourism Essentials  
Hospitality, Recreation and Tourism Management\*
- ✓ **Sports and Entertainment Marketing Pathway (C, D, F, L, N, S, W)**  
Marketing Principles  
Introduction to Sports & Entertainment Marketing  
Advanced Sports & Entertainment Marketing\*

## HUMAN SERVICES CLUSTER

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

## INFORMATION TECHNOLOGY CLUSTER

- ✓ **Cloud Computing Pathway (C, L)**  
Introduction to Software Technology  
Computer Science Principles or AP Computer Science Principles  
Cloud Computing\*
- ✓ **Computer Science Pathway (All High Schools)**  
Introduction to Software Technology  
Computer Science Principles or AP Computer Science Principles  
AP Computer Science\*
- ✓ **Cybersecurity Pathway (A)**  
Introduction to Hardware Technology  
Introduction to Cybersecurity  
Advanced Cybersecurity\*
- ✓ **Game Design Pathway (A, F)**  
Introduction to Software Technology  
Computer Science Principles or AP Computer Science Principles  
Game Design: Animation and Simulation\*
- ✓ **Programming Pathway (S)**  
Introduction to Software Technology  
Computer Science Principles  
Programming, Games, Apps, and Society\*

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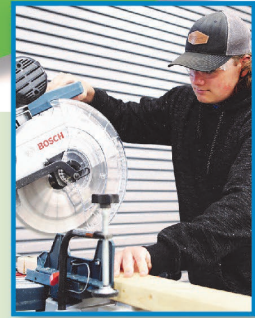
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Explore

# 2022-2023 Forsyth County Schools HIGH SCHOOL CAREER PATHWAYS



- ✓ **Web Development Pathway (F, N, W)**  
Introduction to Software Technology  
Computer Science Principles or AP Computer Science Principles  
Web Development\*

## 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\*
- ✓ **Law Enforcement/Forensic Science Pathway (A)**  
Introduction to Law, Public Safety, Corrections and Security  
Criminal Justice Essentials  
Forensic Science and Criminal Investigations\*
- ✓ **Legal Services/Applications of Law Pathway (A)**  
Introduction to Law, Public Safety, Corrections and Security  
Essentials of Legal Services  
Applications of Law\*

## MANUFACTURING CLUSTER

- ✓ **Mechatronics Pathway (A)**  
Introduction to Mechatronics  
AC Theory, Electric Motors, and Hydraulic Systems  
Semiconductors, Mechanical Systems, and Pump and Piping Systems\*

## MARKETING CLUSTER

- ✓ **Fashion, Merchandising and Retail Management Pathway (D, S, W)**  
Marketing Principles  
Fashion, Merchandising, and Retailing Essentials  
Advanced Fashion, Merchandising, and Retailing\*
- ✓ **Marketing Communications and Promotions Pathway (C, E, S)**  
Marketing Principles  
Promotion and Digital Sales  
Integrated Marketing Communications\*
- ✓ **Marketing & Management Pathway (C, D, E, F, L, N, S, W)**  
Marketing Principles  
Marketing and Entrepreneurship  
Marketing Management\*

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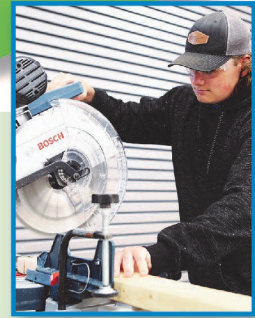
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# 2022-2023 Forsyth County Schools HIGH SCHOOL CAREER PATHWAYS



## 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\*

## TRANSPORTATION, DISTRIBUTION, & LOGISTICS CLUSTER

- ✓ **Aerospace – Flight Operations (A)**  
Fundamentals of Aerospace  
Flight Operations I  
Flight Operations II\*
- ✓ **Drone/Unmanned Aircraft Systems (A)**  
Fundamentals of Aerospace  
Flight Operations I  
Unmanned Aircraft Systems\*
- ✓ **Automotive Service 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

## WORKFORCE READY CLUSTER

- ✓ **Workforce Ready Pathway (C)**  
Introduction to Career Competencies  
Career Competencies  
Advanced Career Competencies\*

## **OTHER 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



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