

# Elmore County Technical Center (ECTC) Courses

## WHAT TO EXPECT:

- Students may begin most programs in 10th grade (Medical Sciences in 11th grade)
- Programs have 2 classes each year:
  - \* ECHS, EDGE, SEHS, + WHS - Courses cover 2 periods all year
  - \* HHS - Courses cover 1 block all year
- Students are typically only able to take one program at a time during a school year



## Automotive Service Technology

- Year 1** - Automotive Technology Foundations + Automotive Technology IA  
**Year 2** - Automotive Technology IB + Automotive Technology IC  
**Year 3** - Senior Career Pathway Project in Transportation, Distribution, & Logistics



## Aviation Technology

- Year 1** - Aircraft Non-Metallic + Airframe Systems  
**Year 2** - Aircraft Sheet Metal Structures + Aircraft Engine & Prop Theory  
**Year 3** - Aircraft Turbine Engine + CTE Lab in Transportation, Distribution, & Logistics



## Building Construction

- Year 1** - Architecture & Construction Foundations + CTE Lab in Architecture & Construction  
**Year 2** - Construction Foundation Layout + Construction Building Systems  
**Year 3** - Senior Career Pathway Project in Architecture & Construction



## Culinary Arts

- Year 1** - Hospitality & Tourism + Culinary Arts 1  
**Year 2** - Cultural Foods + Culinary Arts 2  
**Year 3** - TBA



## Cybersecurity

- Year 1** - Information Technology Fundamentals + Cybersecurity 1  
**Year 2** - CTE Lab in IT + Cybersecurity 2  
**Year 3** - TBA



## Diesel Technology

- Year 1** - Diesel Technology A + Diesel Technology B  
**Year 2** - Diesel Technology C + Diesel Technology D  
**Year 3** - TBA



## Drafting, & Technical Design

- Year 1** - Technical Design Communications 1 + Technical Design Communications 2  
**Year 2** - Architectural Design Fundamentals + Architectural Building Info Modeling 1  
**Year 3** - Architectural Building Info Modeling 2 + Architectural Structural Design



## Educators in Training (formerly Teaching & Training)

- Year 1** - Foundations in Education + Practices in Education  
**Year 2** - Methods in Education + Communication for Leaders  
**Year 3** - Careers in Education + Career Pathway Project in Education & Training



## Electrical Technology

- Year 1** - Architecture & Construction Foundations + Electrical Fundamentals  
**Year 2** - Electrical Installation + Electrical Technology  
**Year 3** - Senior Career Pathway Project in Architecture & Construction



## Hospitality & Tourism

- Year 1** - Hospitality & Tourism + Sports, Rec, & Attractions Management 1  
**Year 2** - Travel & Tourism 1 + Sports, Rec, & Attractions Management 2  
**Year 3** - Senior Career Pathway Project in Hospitality & Tourism



Scan code with your smart phone camera to view our ECTC program videos



or visit [bit.ly/ECTCtour](http://bit.ly/ECTCtour)



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## HVAC (Heating, Ventilation, & Air Conditioning)

Year 1 - Architecture & Construction Foundations + HVAC Fundamentals

Year 2 - HVAC Installation & Operation + HVAC Refrigeration Systems

Year 3 - Senior Career Pathway Project in Architecture & Construction



## Information Technology (Support & Service)

Year 1 - Information Technology Fundamentals + Information Technology Support & Services

Year 2 - CPU Maintenance & Troubleshooting + Network Fundamentals

Year 3 - Senior Career Pathway Project in Information Technology + CTE Lab in IT



## Medical Sciences *(advanced level courses, juniors and seniors only)*

Year 1 - Foundations of Health Science + Emergency Services & Management

Year 2 - Patient Care Technician + Diagnostic Services



## Plumbing & Pipefitting

Year 1 - Architecture & Construction Foundations + Plumbing & Pipefitting

Year 2 - Safety & Health Regulations + CTE Lab in Architecture & Construction

Year 3 - Senior Career Pathway Project in Architecture & Construction



## Public Safety & Law

Year 1 - Introduction to Public Safety + Emergency Services & Management

Year 2 - Firefighting 1 + Firefighting 2

Year 3 - Senior Career Pathway Project in Law, Public Safety, Corrections, & Security



## Welding Technology

Year 1 - Architecture & Construction Foundations + Welding SMAW 1

Year 2 - Welding SMAW 2 + Welding GMAW & FCAW

Year 3 - Senior Career Pathway Project in Architecture & Construction

## OTHER OPPORTUNITIES AT ECTC



### Cooperative Education/Work-Based Learning

Available to junior & senior CTE students. Application required. Contact Tara Baker for more information.

Earn course credit and experience while working in a job during the school year or summer.



### Dual Enrollment

Dual enrollment through Central Alabama Community College is available starting in 10th grade for some courses.

Meetings will be held each spring with more information about enrollment and specific course offerings.

### TECHNICAL COURSES

#### Manufacturing Technology

Motor Controls  
Construction Wiring  
Introduction to PLCs  
Introduction to Robotics

### ACADEMIC COURSES

General Psychology (PSY 200)

US History 10th Grade (201)

US History 11th Grade (202)

American Government (POL 211)

Economics (ECO 231)

English 101

English 102

## CONTACT US



Director

Assistant Director

Counselor/Dual Enrollment

Cooperative Ed Coordinator

Career Coach (ECHS, SEHS)

Career Coach (HHS, WHS, EDGE)

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