

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



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



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



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



or visit bit.ly/ECTCtour





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



Pre-Engineering, 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



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)

- Emilie Johnson
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