

Auburn University - College of Engineering



ENGINEERING

One of America’s top 20 engineering schools, Auburn University, is located only 30 miles east of Elmore County. The Samuel Ginn College of Engineering at Auburn University has a current enrollment of 5,010 current undergraduate and graduate students so there are always many graduates looking to begin their careers in the Elmore County area. The Elmore County Economic Development Authority is always happy to arrange a tour of the College of Engineering in Auburn with a prospective business.

The following undergraduate engineering degrees are offered at the College of Engineering:

- Bachelor of Aerospace Engineering
- Bachelor of Biosystems Engineering
- Bachelor of Chemical Engineering
- Bachelor of Civil Engineering
- Bachelor of Science in Environmental Science
- Bachelor of Science in Computer Science
- Bachelor of Software Engineering
- Bachelor of Wireless Engineering
- Bachelor of Electrical Engineering
- Bachelor of Industrial and Systems Engineering
- Bachelor of Mechanical Engineering
- Bachelor of Materials Engineering (Department of Mechanical Engineering)
- Bachelor of Polymer and Fiber Engineering

The College of Engineering has long standing relationships with Elmore County companies such as GKN Aerospace and Neptune Technologies.

Enrollment date updated June 2013

Workforce

Training and Education

Trenholm State Technical College

Within their mission, Trenholm Technical College meets two primary needs for Elmore County’s workforce by providing highly technical degree programs for students or assisting local employers with “hands on” customized training.

Trenholm offers 28 different technical training programs for students in Elmore County trade area. These programs include:

- Accounting Technology
- Air Conditioning
- Apparel & Design
- Auto Collision Repair
- Auto Manufacturing
- Automotive Technology
- Computer Information Systems
- Cosmetology
- Culinary Arts
- Dental Assisting
- Diagnostic Medical Sonography
- Diesel Mechanics
- Drafting and Design
- Early Care and Education
- Electrical/Instrumentation
- Emergency Medical Services
- Entertainment Media Production
- Graphic Design
- Industrial Maintenance
- Machine Tool
- Medical Assisting
- Medical Radiology
- Nursing Assisting
- Office Administration
- Practical Nursing
- Therapeutic Massage
- Truck Driver Training
- Welding

TECHNICAL TRAINING

Trenholm currently has approximately **1000 students** enrolled at its Patterson and Trenholm campuses which are both located within the Elmore County trade area. Trenholm **averages a graduating class of 500 students per year** that are available to work for Elmore County employers.

Trenholm “Training for Business and Industry” program is in program to assist area employers with their training needs. Already, some of Elmore County’s largest employers have used this program including: GKN Aerospace, Neptune Technologies, and Frontier Yarns. Hyundai Motors of Montgomery is also a client of Trenholm. In all, more than 4000 local employees have been trained by the “Training for Business and Industry” program.

Training and Education



www.aidt.edu

Often referred to as the State of Alabama’s #1 economic development incentive, AIDT provides quality workforce development for new and expanding businesses in Alabama. It is the first state-funded workforce training program to reach ISO 9001:2008 certification. AIDT’s fields of training include manufacturing, logistics/distribution, data entry, customer service, aerospace, automotive, pulp & paper, and more.

Partnering with state and local agencies, AIDT conducts its training using a fleet of 35 mobile training units in addition to AIDT Centers and Industrial Training Centers. AIDT provides this service at no cost to the industrial employer provided the employer meets or exceeds AIDT’s required qualifications.

Benefits of AIDT Partnership

- Applicant recruitment
- Trainee selection
 - Applicant reviews/Applicant interviews
- Pre-employment training
 - Skills/Capabilities/Learning ability demonstrated
 - Company teamwork, job tasks simulated
- Post/On-the-Job Training
- Media services
- Training development
- Leadership development
- Maintenance assessments
- Safety assistance & training
- Process Improvement assessments
- AIDT+Extra
- EMPACT
- “On the Job” Television Program

AIDT has assisted many of Elmore County’s manufacturers over the years including: E & I, Inc., GKN Aerospace, Hanil USA, and Neptune Technologies.

CUSTOMIZED TRAINING

Training and Education

ECTC

Elmore County Technical Center (ECTC)

High school students from all Elmore County schools learn skills that can help them enter the workforce after graduation. The departments that are related to manufacturing at the ECTC include: carpentry, computer science, machining, welding, and small engines. The ECTC is always interested in customizing technical training that can earn a student a career at a local manufacturing or office facility. The staff at ECTC can assist companies with a variety of needs in worker skills. The Elmore County Economic Development Authority can arrange an appointment with the professional staff at the ECTC as well as a tour of the existing facility in Wetumpka.

A message from Carl Thomas, Director of the Elmore County Technical Center: “The job market of today is searching for those people that have training beyond high school but less than four years of college. Only 10 percent of today’s jobs require college degrees. Our students that come through the Elmore County Technical Center and continue training at a Technical College will meet the needs of 80 percent of today’s work force. The skills that the students learn today will carry them into the future.”



Alabama Technology Network (ATN)

As part of the Alabama Community College System, ATN is comprised of regional centers that link the University of Alabama System, Auburn University, and the Economic Development Partnership of Alabama (EDPA) with most of the two-year colleges throughout the state. ATN offers Alabama manufacturers training and assistance through several product lines or Communities of Practice. These include Lean Manufacturing, Quality Systems and Engineering, Information Technology, Human Resources and Organizational Development, Environmental Safety and Health (ES&H), Business Services/Strategic Management, Industrial Maintenance, and Engineering and Technical Services

Elmore County is served by one of the 16 offices of ATN that provides a local point of contact to businesses and industries needing assistance. The Elmore County Economic Development Authority will be pleased to assist any local industry by arranging an appointment with the professionals at the Alabama Technology Network.

ON-THE-JOB TRAINING