



CALHOUN  
COMMUNITY  
COLLEGE

## **APPLIED TECHNOLOGY DEGREE**

### **Aerospace Technology**

### **About the Program and Career Opportunities**

The Associate of Applied Science degree in Applied Technology with a Major in Aerospace Technology will prepare graduates for employment in aerospace and related industries through classroom and laboratory instruction in a broad set of manufacturing skills and disciplines. Graduates will be prepared to work in a team-centered environment with demanding quality and safety standards. This program also provides enhancement training for individuals seeking skill advancement in their current positions. Graduates may also choose to pursue a baccalaureate degree in appropriate academic areas.

Nationwide, there is a great demand for entry-level technical specialists in Aerospace Welding and Coatings and Aerospace Structures and Assembly. North Alabama is particularly focused on the Aerospace Industry and the need for related skills and training. The typical base salary range for Aerospace Technicians is \$27,000 - \$41,600. Base salary does not include overtime or benefits.

### **How Do I Apply?**

Everyone must submit an application for admission to the Admissions Office on the Decatur or Huntsville campus. At that time, you'll receive further information on admissions requirements.

### **How Much Will it Cost?**

Tuition at Calhoun — the fees paid to take classes— is among the lowest in the area. A full-time student will pay between \$1140-\$1520 per 15-week semester. A single class will cost only \$285. Since the college does not have dormitories, the only other costs will be for transportation to and from class and books and supplies. And, if you need help with college costs, the Office of Student Financial Services has information on grants, work study, scholarships, and loans.

TUITION AND FEES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

**AEROSPACE TECHNOLOGY MAJOR**  
**Welding Concentration**  
**Structure & Assembly Concentration**

COURSES	Credit Hours	Welding Concentration	Structures and Assembly Concentration
ENG 101 English Composition	3	•	•
MTH 103 Technical Mathematics	3	•	•
WKO 107 Work Skills Preparation	1	•	•
SPH 107 Fundamentals of Public Speaking	3	•	•
Humanities Elective	3	•	•
Social Science Elective	3	•	•
Natural Science Elective	3	•	•
CIS 146 Microcomputer Applications	3	•	•
ADM 100 Industrial Safety	3	•	•
ADM 101 Precision Measurement	3	•	•
ADM 102 Computer Aided Design	3	•	•
ADM 103 Intro. To Computer Integrated Manufacturing/Materials & Processes	3	•	•
ADM 104 Intro. To Thermal/Electrical Principals	3	•	•
ADM 105 Fluid Systems	3	•	•
ADM 106 Quality Control Concepts	3	•	•
MTT 121 Print Reading	3	•	•
ARS 101 Fundamentals of Aerospace Manufacturing	3	•	•
ARS 151 Welding Principles/Theory/Symbols	3	•	•
ARS 176 Electrical/Electronic Assembly	3	•	•
ARS 178 Mechanical Assembly & Tub Welding	3	•	•
ARS 280 Surface Preparation & Coatings	3	•	•
MTT 147 Introduction to Machine Shop I	3	•	•
MTT 148 Introduction to Machine Shop I Lab	3	•	•
ARS 153 Gas Tungsten Arc & Plasma Arc Welding	3	•	
ARS 251 Specialized Welding Processes	3	•	
ARS 253 Welding Certification Preparation	3	•	
ARS 276 Instrumentation Attachments & Adhesive Bonding Procedures	3		•
ARS 278 Composite Materials Assembly	3		•
ARS 284 Specialized Coating Processes	3		•
Total Credits		76	76

- Courses required for each concentration

**For program information, call Mike Bridges at 256-306-2534 or  
Dennis Holmes at 256-306-2912**

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**Calhoun Community College**

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