



## AIRCRAFT ASSEMBLY AND REPAIR TECHNICIAN

Aircraft Assembly and Repair Technicians may work in aerospace manufacturing or in the maintenance and repair of aircraft structures. Duties involve blueprint reading and interpretation to carry out the fabrication, assembly, and repair of aircraft metallic and composite structures.

### PROGRAMS BEGIN

February  
June  
October

### TECHNICAL COLLEGE CERTIFICATE

Aircraft Structural Assembly Technician 1  
Aircraft Structural Assembly Technician 2  
Aircraft Composites Technician

### DID YOU KNOW?<sup>1</sup>

The overall employment of Aircraft & Avionics Equipment Mechanics & Technicians is projected to grow **4%** by 2032

### IMPORTANT QUALITIES<sup>1</sup>

- Attention to Detail
- Dexterity
- Observational Skills
- Hand-Eye Coordination

### COURSES

- ASTT 1011 Basic Blueprint Reading
- ASTT 1030 Structural Fundamentals
- ASTT 1020 Aircraft Blueprint Reading
- ASTT 1041 Structural Layout and Fabrication
- ASTT 1091 Composites and Bonded Structures

### MEDIAN SALARY<sup>1</sup>

**\$75,020**

### NUMBER OF JOBS AVAILABLE<sup>1</sup>

**12,800**

### TYPICAL RESPONSIBILITIES<sup>1</sup>

- Diagnose mechanical or electrical problems
- Repair wings, brakes, electrical systems, and other aircraft components
- Replace defective parts, using hand tools or power tools
- Examine replacement aircraft parts for defects
- Read maintenance manuals to identify repair procedures
- Test aircraft parts with gauges and other diagnostic equipment
- Inspect completed work to ensure that it meets performance standards
- Keep records of maintenance and repair work