

*Savannah Technical College.....The Leading Edge in Aviation Training*

# **AIRCRAFT STRUCTURAL TECHNOLOGY**

## **Diploma Program**

The **Aircraft Structural Technology Diploma** program is a sequence of courses that prepares students for careers in aircraft structures manufacture and repair. Learning opportunities develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of aircraft structural theory and practical application necessary for successful employment. Program graduates receive an Aircraft Structural Technology diploma and are qualified as aircraft structural specialists.

### **GENERAL COURSES**

<b>COURSE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
ENG 1010	Fundamentals of English I	5
MAT 1012	Foundations of Mathematics	5
EMP 1000	Interpersonal Relations and Professional Development	3

### **OCCUPATIONAL COURSES**

<b>COURSE</b>	<b>TITLE</b>	<b>CREDIT HOURS</b>
AST 101	Basic Blueprint Reading	5
AST 102	Aircraft Blueprint Reading	5
AST 103	Structural Fundamentals	8
AST 104	Structural Layout and Fabrication	7
AST 105	Principles of Aerospace Quality Control	5
AST 107	Aerodynamics	3
AST 109	Composites and Bonded Structures	6
AST 110	Sealants	3
AST 111	Corrosion Control	6
AST 112	Aircraft Metallurgy	8
AST 118	Aircraft Technical Publications	5
SCT 100	Introduction to Microcomputers	3

**TOTAL** **77**

**Courses start Spring 2009. Currently this program is only offered to graduates of the Aircraft Structural Assembly (ASA) program. Please contact Melissa Crenshaw at [mcrenshaw@savannahtech.edu](mailto:mcrenshaw@savannahtech.edu) or 912.443.5336 for more information.**