



AIRFRAME TECHNOLOGY
Associate in Applied Science Degree – AAS AMT

Program Location: Alabama Aviation Center at Brookley Field

Length: Four Semesters

This program prepares students to take the Federal Aviation Administration written, oral, and practical examinations required for certification as an aviation maintenance technician with an airframe endorsement. Graduates earn an Associate in Applied Science Degree in Airframe Technology.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of STARS.

AREA I: Written Composition	3 Total Hours
ENG 101 – English Composition I	3
AREA II: Humanities and Fine Arts	6 Total Hours
Humanities and Fine Arts Elective: Choose one of the following ART 100 – Art Appreciation ART 203 – Art History I ART 204 – Art History II HUM 101 – Introduction to Humanities I HUM 102 – Introduction to Humanities II MUS 101 – Music Appreciation PHL 106 – Introduction to Philosophy PHL 206 – Ethics and Society REL 100 – History of World Religions REL 151 – Survey of the Old Testament REL 152 – Survey of the New Testament THR 120 – Theater Appreciation THR 126 – Introduction to Theater	3
AREA III: Natural Sciences and Mathematics	9 – 10 Total Hours
Choose one of the following: MTH 100 – Intermediate College Algebra MTH 116 – Mathematical Applications	3
Computer Science, Math, or Natural Science Elective: Choose one of the following BIO 101 – Introduction to Biology I BIO 102 – Introduction to Biology II BIO 103 – Principles of Biology I CHM 104 – Introduction to Inorganic Chemistry CHM 111 – College Chemistry I CHM 112 – College Chemistry II CIS 130 – Introduction to Information Systems CIS 146 – Microcomputer Applications MTH 100 – Intermediate College Algebra MTH 110 – Finite Mathematics MTH 112 – Precalculus Algebra MTH 113 – Precalculus Trigonometry MTH 115 – Precalculus Algebra and Trigonometry MTH 116 – Mathematical Applications PHS 111 – Physical Science I PHS 112 – Physical Science II PHY 120 – Introduction to Physics PHY 201 – General Physics I with Trigonometry PHY 202 – General Physics II with Trigonometry	3 – 4

AREA IV: History, Social, and Behavioral Sciences		3 Total Hours
Choose one of the following: ECO 231 – Principles of Macroeconomics ECO 232 – Principles of Microeconomics GEO 100 – World Reg Geography HIS 101 – Western Civilization I HIS 102 – Western Civilization II HIS 121 – World History I HIS 122 – World History II HIS 201 – United States History I HIS 202 – United States History II POL 200 – Introduction to Political Science POL 211 – American National Government PSY 200 – General Psychology PSY 210 – Human Growth and Development SOC 200 – Introduction to Sociology SOC 210 – Social Problems		3
AREA V: Pre-Professional, Major, and Elective Courses		45 Total Hours
AMT 100 – Technical Preparation		5
AMT 101 – Basic Electricity		5
AMT 102 – Materials and Processes		5
AMT 110 – Non-Metallic Structures and Welding		5
AMT 111 – Aircraft Sheetmetal Structures		5
AMT 112 – Airframe Systems I		5
AMT 113 – Airframe Systems II		5
AMT 114 – Airframe Systems III		5
AMT 115 – Airframe Systems IV		5
Total Hours		60-61 SH