

SOUTHWEST TECHNOLOGY CENTER

711 West Tamarack

Altus, OK 73521

580.477.2250

www.swtc.org



AEROSPACE MAINTENANCE

AIRFRAME MECHANIC

1200 HOURS

GENERAL I

150 Hours

AMT 1005	Safety.....	12
AMT 1015	Math.....	30
AMT 1025	Physics.....	42
AMT 1035	Ground Handling and Service.....	30
AMT 1045	Weight and Balance.....	36

GENERAL II

150 Hours

AMT 1055	Structural Materials and Processing.....	30
AMT 1065	Aircraft Cleaning and Corrosion.....	21
AMT 1075	Aircraft Hardware and Precision Measurement Instruments.....	27
AMT 1085	Blueprints and Drawings.....	24
AMT 1095	Hand and Power Tools.....	24
AMT 1105	Fluid Line and Fittings.....	24

GENERAL AVIATION & POWER PLANT ELECTRONICS I

150 Hours

AMT 1115	Federal Aviation Regulations, Publications, and Records.....	45
AMT 1125	Basic Electricity and DC Circuits.....	60
AMT 1135	Aircraft Battery Service and Inspection.....	30
AMT 1145	AC Electrical Circuits.....	45
AMT 1155	Solid State Circuits.....	45

GENERAL AVIATION & POWER PLANT ELECTRONICS II

150 Hours

AMT 2035	Aircraft Generators.....	75
AMT 2045	Aircraft Motors.....	45
AMT 2055	Aircraft Wiring Practice.....	60

AIRFRAME I

150 Hours

AMT 4005	Airframe Structures, Aerodynamics, and Rigging.....	69
AMT 4015	Aircraft Welding.....	30
AMT 4025	Aircraft Finishes and Fabric Covering.....	51

AIRFRAME II

150 Hours

AMT 4035	Sheet Metal Structures.....	108
AMT 4045	Bonded Structures, Laminates, and Plastics.....	42

NAME:

DATE:

STATUS: 1st 2nd FT PT

COMPLETION DATE:

CAREER GOAL:

NEEDS ASSESSMENT:

- Reading Enhancement
- Math Enhancement
- Language Enhancement
- English-Language Proficiency
- Economic Assistance
- Career Planning
- Job Search/Retention Skills
- Graduation Credit Planning

ACTION NEEDED:

- EEC
- Financial Aid Application Assistance
- Career/Personal Counseling
- Job Search/ Retention in Training
- Specialized Materials
- On-line coursework

TRANSITION PLAN:

- Work
- 2 year school
- 4 Year school
- Military

AIRFRAME III

AMT 4055	Hydraulics and Pneumatics.....	78
AMT 4065	Landing Gear.....	36
AMT 4075	Aircraft Atmosphere and Climate Control Systems.....	36

AIRFRAME IV

AMT 4085	Fuel, Ice and Rain Control/Fire Detection, Protection, and Extinguishing.....	36
AMT 4095	Instruments/Pilot Position and Warning and Communication/Navigation System.....	36
AMT 4105	Aircraft Inspections.....	78

150 Hours

____ Advanced Technical Training

ALLIANCE PARTICIPANT:

____ Previous College Hours

____ Qualifies for Alliance participation

____ Does not qualify for Alliance

____ Qualifies for fee waiver

____ Does Not qualify for fee waiver

150 Hours

Counselor Signature

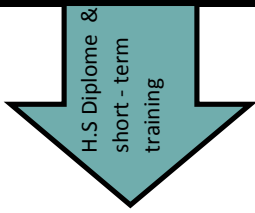
Student Signature



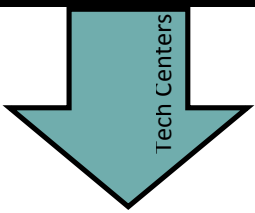
ASSESSMENTS	TABE (12.9)	PLAN (26)	ACCUPLACER	**WORKKEYS	OTHER	COLLEGE	COPSystem	
READING COMPREHENSION **READING FOR INFO	/ 8.0	/ 17	/ 55	/ 7		___ English ___ Comp I	___ Science Professional ___ Science Skilled	___ Business Professional ___ Business Skilled
LANGUAGE **LOCATING INFORMATION	/ 8.0	/ 15	/ 60	/ 6		___ English ___ Comp II	___ Service Professional ___ Service Skilled	___ Arts Professional ___ Arts, Skilled
MATH **APPLIED MATHEMATICS	/ 8.0	/ 19	/ 34	/ 7		___ College ___ Algebra	___ Tech Professional ___ Tech Skilled	___ Consumer Economics ___ Outdoor
COMPLETE BATTERY	/ 8.0	/ 15					___ Clerical	___ Communication

HIGH SCHOOL	SWTC	JUNIOR COLLEGE and UNIVERSITIES
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23 credits/courses must be PASSED to graduate/ 24 credits at AHS & EHS Core Curriculum Diploma -Minimum graduation plan; Need parent permission College/Work Ready Diploma - Additional courses to core curriculum diploma					AEROSPACE MAINTENANCE FAA approved program for an Airframe license Begin in 11th or 12th FREE OF CHARGE OR Graduate high school..... then begin SWTC Tuition assistance available for adults OHLAP & PELL eligible Transition from high school to work or college		13th Associate of Applied Science in Aviation Estimate of courses with 34 SWTC credits English Comp I Speech Microcomputer Applications Psychology OR Sociology Government A. History/1492-1865 or A. History/1865-present 4 to 5 additional courses *NO MATH DEFICIENCIES 34 college credits towards Associate of Applied Science Degree in Aviation		14th Associate of Science Approximately 30 additional college hours/ 10 courses 14th -15th Bachelor Degree Approximately 60 additional college hours/ 20 courses 16th-17th Master Degree & Doctorate Degree Approximately 30-60 additional college hours	
9th ENGLISH (4) English I MATH (3) *Algebra I SCIENCE (3) *Biology HISTORY (3) Gvmnt/OK History FINE ARTS (1) Art or music OTHER Computer 1 or Foreign Language 1 ELECTIVES 6-8 to total 23 credits *End Of Instruction Exams *Courses with end of instruction exams Graduation criteria: Pass 4 out of the 7 EOI's Algebra I , English II, and any additional 2	10th *English II *Geometry Lab Science *U.S. History 1 additional course from above Computer 2 or Foreign Language 2	11th *English III *Algebra II Lab Science History	12th English IV History	Earn 3 high school elective credits each year SEE YOUR HIGH SCHOOL COUNSELOR TODAY FOR MORE INFORMATION	34 college credits towards Associate of Applied Science Degree in Aviation	Approximately 30 additional college hours/ 10 courses Approximately 60 additional college hours/ 20 courses Approximately 30-60 additional college hours				

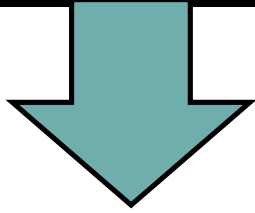


Sheet Metal Workers SWTC
 Airport personnel
 Stewardess



AIRFRAME MECHANIC- SWTC
 Power Plant Mechanics
 Aircraft Engine Specialist
 Aircraft Body and Bonded Structure Repairers

Oklahoma Median Salary \$43,900 (\$21.12/hr)	Percent Change and Employment Prospects +6% Slower than average
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OKLAHOMA MAJORS	INSTITUTIONS WITH AVIATION RELATED DEGREES
Aerospace Engineering	Rose State College
Avionics	Western Oklahoma State College
Aviation Management	Northern Oklahoma College
Professional Pilot	Oklahoma City Community College
Aviation Mechanic	Southeastern Ok. State University
Air Traffic Controller	University of Oklahoma
Aviation Maintenance	Oklahoma State University
Aerospace Administration	
Aerospace Engineering	