



Aviation Maintenance Technology

ADMISSION REQUIREMENTS

- Completed application to Northwest Mississippi Community College
- Completed Aviation Maintenance Technology Application
- A copy of an official high school OR college transcript OR GED scores
- A copy of ACT scores with a composite of 15

When all documents are completed and received, an interview with an aviation instructor will be scheduled. During this interview, applicants will receive information pertaining to the entrance drug/alcohol screening and will comply with a basic “hands-on” mechanical aptitude exam. Interviews are scheduled by the program director; please make sure there is adequate and correct contact information on the application.

The deadline for returning all documents is June 1st.

*ESTIMATE OF EXPENSES

In-state student, per semester tuition and registration fees (effective Fall 2020)	\$ 1,745.00
Out-of-state fee, per semester	\$ 1,200.00
Other expenses (average amounts for full tech portion of the program)	
• Books	\$450.00
• FAA Exams (independent examiners not affiliated w/school)	\$1,400.00
• Tools (independent vendors)	\$1,200.00

*The college reserves the right to increase fees subject to approval by the Board of Trustees.

PROGRAM OVERVIEW

The Aviation Maintenance Technology program offered by Northwest Mississippi Community College has been developed for the preparation of mechanics in the aeronautical maintenance field, bearing the qualifications for an FAA Mechanic Certificate with an Airframe, Powerplant, or Airframe and Powerplant rating(s). This program and its curriculum is an approved Federal Aviation Regulations Part 147 school. Upon completion of the program, a student is eligible to take the prescribed written, oral and practical exams given by the Federal Aviation Administration. Showing satisfactory completion of these exams, the student will receive their Mechanic Certificate with an Airframe and/or Powerplant rating, which gives them the authority to perform inspections, minor repairs, and alterations to fixed and rotary wing aircraft. Graduates will be awarded the Associate of Applied Science degree through Northwest.

The curriculum has been planned so that at least 50% of the total time spent in the program is in shop/laboratory training and 50% instructional theory. Classes meet Monday through Friday, 8:00 a.m. to 3:30 p.m.

PROGRAM & EMPLOYMENT GOALS

It is our purpose and goal to provide the best knowledge and training for those seeking a career in an established industry. Students who complete and receive their Mechanic Certificates will have a wide range of opportunities branching from general aviation, commuter and cargo carrier companies. Average income for those in aviation maintenance can range from \$30,000 to \$100,000 per year. As an added benefit, they will know that they provide an important part in continuing the reputation of flight safety and reliability. The instruction they receive can also aid them in related fields such as avionics, air traffic control and flight crew members.

FOR MORE INFORMATION

Aviation Maintenance Technology
Northwest Mississippi Community College
8750 Deerfield Drive
Olive Branch, MS 38654

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Program Director/Instructor
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NORTHWEST
MISSISSIPPI COMMUNITY COLLEGE

Aviation Maintenance Technology
8750 Deerfield Drive
Olive Branch, MS 38654

Admission Application

APPLICANT SECTION

Applicant Name: Last: _____ First: _____ Middle: _____

Home Address: Street and Number: _____

City/Town: _____ State: _____ Zip Code: _____

Home/Cell Phone : _____ E-mail : _____ Date of Birth: _____

High School: _____ Date of Graduation: _____

ACT Composite: _____ GED Taken: Yes No If yes, Date: _____

PREVIOUS EDUCATION SECTION

Please indicate if you have passed any course that may satisfy the CORE requirements for the Associate Degree:

ENG 1113, English Composition I	Yes <input type="checkbox"/> No <input type="checkbox"/>	MAT 1313, College Algebra	Yes <input type="checkbox"/> No <input type="checkbox"/>
Social / Behavioral Science Elective	Yes <input type="checkbox"/> No <input type="checkbox"/>	SPT 1113, Oral Communication	Yes <input type="checkbox"/> No <input type="checkbox"/>
Basic Computer Skills Elective	Yes <input type="checkbox"/> No <input type="checkbox"/>	Humanities / Fine Arts Electives	Yes <input type="checkbox"/> No <input type="checkbox"/>

AVIATION/MECHANICAL HISTORY SECTION

Please explain if you have any previous aviation or mechanical background:

SIGNATURE SECTION

The statements and information furnished by the undersigned in this application form are true and complete.

Signature of Student: _____

Date: _____

This application form must be completed and submitted to the Aviation Maintenance Technology Program by August 1st. In addition to this application form, the applicant must also submit a separate application to Northwest Mississippi Community College.

Aviation Maintenance Technology

Adviser: Calvin Cooper, David Lindsey

The Aviation Maintenance Technology program offers an FAA-certified curriculum designed to prepare students for a career as aircraft, airframe and powerplant mechanics. Upon completion of the program, students must complete the required FAA certification examinations to receive the Associate of Applied Science degree.

FRESHMAN YEAR

First Semester	Semester Hours	Second Semester	Semester Hours
APT 1114, Aviation Applied Science.....	4	APT 1161, Reciprocating Engine Theory.....	1
APT 1123, Aviation Electricity I.....	3	APT 1214, Reciprocating Engine Overhaul.....	4
APT 1134, Materials and Processes.....	4	APT 1221, Turbine Engine Theory	1
APT 1143, Aircraft Servicing & Weight	3	APT 1234, Turbine Engine Overhaul Inspection.....	4
and Balance		APT 1255, Lubrication & Fuel	
APT 1153, Maintenance Forms,		Metering Systems.....	5
Records and Regulations	3	APT 1263, Induction, Cooling &	
APT 1171, Human Factors/General Inspection		Exhaust Systems	3
and Troubleshooting.....	1		
	<u>Total 18</u>		<u>Total 18</u>

SOPHOMORE YEAR

Third Semester	Semester Hours	Fourth Semester	Semester Hours
APT 2115, Aviation Electricity II	5	APT 2212, Flight Control.....	2
APT 2122, Propellers	2	APT 2223, Aviation Electricity III.....	3
APT 1242 Powerplant Airworthiness		APT 2232, Hydraulic & Pneumatic	
Inspection and Review.....	2	Power Systems	2
APT 2136, Structures I	6	APT 2243, Landing Gear & Protection	
APT 2143, Structures II.....	3	Systems	3
	<u>Total 18</u>	APT 2251, Environmental Control Systems.....	1
		APT 2264, Aircraft Instrumentation	
		Systems	4
		APT 2271, Aircraft Fuel Systems	1
		APT 2282, Airframe Airworthiness Inspection &	
		Review	2

Academic Core Requirements for Associate Degree:
Can be taken in summer or evening school.

Social/Behavioral Science Elective.....	3		
English Composition	3		
Basic Computer Skills Elective	3		
College Algebra.....	3		
Public Speaking	3		
Humanities/Fine Arts	3		
	<u>Total 18</u>		<u>Total 18</u>