

SUMMER TERM

AMT 1511, Principles of Air Conditioning	1
AMT 2111, Grain Harvesting Equip....	1
AMT 2411, Hay Harvesting Equip.....	1
AMT 2311, Cotton Harvesting Equip.	1
Math/Science Elective	3
Social/Behavioral Science Elective.....	3
AMT 2623, Advanced Hydraulics.....	3
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SOPHOMORE YEAR

Third Semester	Semester Hours	Fourth Semester	Semester Hours
AMT 1223, Advanced Electrical/ Electronic Systems.....	3	AMT 1424, Advanced Engines	4
AMT 1323, Advanced Power Trains...	3	AMT 2913, Special Problems in Agriculture Technology	3
AMT 2936, Supervised Work Experience in Ag	6	AMT 2512, Spray Equipment.....	2
		AMT 2712, Row Crop Planting Sys....	2
		SPT 1113, Public Speaking I	3
		AMT 1162, Introduction to Spatial Information Systems	2
Total	<hr/> 12	Total	<hr/> 16

Students must progress through AMT coursework in sequence due to the nature of the material covered. A grade of "C" or better is required in all AMT courses for the student to advance to the next semester. Failure to achieve this minimum standard will require the student to repeat the course. Students must maintain a 2.5 GPA to remain in the program.

Automotive Technology

Advisers: Miller, Jarreau (ASE Certified Instructors) • Offered at Senatobia campus only

Career Certificate • Technical Certificate • Associate of Applied Science

The Automotive Technology program, fully accredited by the National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE), provides state-of-the-art training for skilled, entry-level automobile service technicians. Upon graduation, a student will have the knowledge and skills necessary to isolate and correct specific automotive problems.

Employment opportunities for graduates of the certificate program may exist as semi-skilled automotive technicians in the automotive industry. Graduates of the technical program may qualify as automotive electronics technicians or assistant diagnostic technicians in the automotive industry. Students will complete ASE National Certifications. General and Chrysler MOPAR CAP students will be administered the eight (8) standard ASE student tests following completion of the program.

The Chrysler MOPAR College Automotive Program (CAP), a two-year associate degree program, is designed to teach late-model Chrysler, Dodge, and Jeep vehicle technology. ASE student tests will be administered. CAP students will co-op with a Chrysler, Dodge, or Jeep dealership. All students accepted in the Chrysler MOPAR CAP program must obtain and maintain a sponsorship with a qualified dealership.

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Special Admissions Requirements: Students who wish to enter the Chrysler MOPAR College Automotive Program (CAP) must:

1. Complete Automotive Program application.
2. Provide their own tools (tool list available on Northwest website at www.northwestms.edu).
3. Submit a current negative 5-panel drug screen.

FRESHMAN YEAR

First Semester	Semester Hours	Second Semester	Semester Hours
ATT 1715, Engine Repair	5	ATT 2434, Engine Performance II	4
ATT 1424, Engine Performance I.....	4	ATT 1134, Advanced Electrical/ Electronic Systems	4
ATT 1124, Basic Electrical/ Electronic Systems	4	ATT 2334, Steering/Susp. Sys.....	4
Math/Science Elective	3/4	ATT 1214, Brakes	4
ATT 1812, Intro. to Safety & Emp.	2	Humanities/Fine Arts Elective.....	3
Total	18/19	Total	19

CAREER CERTIFICATE EXIT POINT

SOPHOMORE YEAR

Third Semester	Semester Hours	Fourth Semester	Semester Hours
*ATT 1314, Manual Drive Trains	4	*ATT 2445, Engine Performance III ...	5
*ATT 2325, Automatic Transmissions/ Transaxles	5	*ATT 2614, Heating and Air Conditioning	4
SPT 1113, Public Speaking I	3	Social/Behavioral Science Elective.....	3
Technical Elective	3	ENG 1113, English Comp. I	3
		Technical Elective	3
Total	15	Total	18

* Courses required in addition to career certificate courses for Technical Certificate.

All other courses listed are the framework for the Associate of Applied Science. Please note that students in the CAP program are required to complete an internship in the second and third semester. Students are also required to have an in-program minimum GPA of 2.0 to continue to the sophomore year.

Aviation Maintenance Technology

Adviser: Cooper, Lindsey • Offered at DeSoto Center-Olive Branch only

Associate of Applied Science

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 are eligible to receive the Associate of Applied Science degree.

Special Admissions Requirements: Admission forms for the Aviation Maintenance Technology Program may be obtained from Northwest/DeSoto Center, 5197 W.E. Ross Parkway, Southaven, MS, 38671. **Admission forms must be sent to both the Office of Admissions and Records and to the Program Director, Aviation Maintenance Technology.**

Admission requirements include:

1. Completed Aviation Maintenance Program application.
2. Interview with Aviation Program lead instructor.
3. Must provide a recent, clean, drug/alcohol screen result at applicant's expense.