

## CAREER PROGRAMS—SOUTHAVEN CAMPUS

Emergency Medical Technology—Basic \*\*  
Health Care Assistant \*\*  
Practical Nursing \* \*\*

## TECHNICAL PROGRAMS—OLIVE BRANCH OFF-CAMPUS SITE

Aviation Maintenance Technology \*\*

## CAREER PROGRAMS—OLIVE BRANCH OFF-CAMPUS SITE

Commercial Truck Driving  
Utility Lineworker \*\*

## Lafayette-Yalobusha Technical Center—Oxford

### TECHNICAL PROGRAMS—OXFORD CAMPUS

Business & Office Technology  
    Administrative Office Technology \*  
    Business Management Technology \*  
    Medical Office Technology \*  
Paralegal Technology \*  
Surgical Technology \*

### CAREER PROGRAMS—OXFORD CAMPUS

Cosmetology \*\*  
Health Care Assistant \*\*  
Practical Nursing \*\*

## Courses of Study

Northwest Mississippi Community College offers more than 30 Career and Technical programs of study. Some programs have special admissions requirements, which are listed with each curriculum to which they apply.

The MS-CPAS2 (Mississippi Career Planning Assessment System) is administered to all Career-Technical students completing a program of study, unless the program requires a specific certification, license or alternative curriculum assessment. Students who lack entry-level skills in math, English, reading, etc. will be provided related studies.

## TECHNICAL EDUCATION

### Agricultural Business and Management Technology/Agribusiness

Adviser: Benton • Offered at Senatobia campus only

*Career Certificate • Technical Certificate • Associate of Applied Science*

The Agribusiness Management option is a program designed to provide students with training in a variety of agriculturally related areas. The program is designed for students desiring to enter the broad range of jobs related to the management of agricultural enterprises and the marketing and sales of agricultural supplies and products. Students in the program will complete the CPAS exam.

## FRESHMAN YEAR

First Semester	Semester Hours	Second Semester	Semester Hours
AGT 1112, Survey of Agricultural Technology .....	2	AGR 2314, Soils .....	4
AGR 1214, Animal Science .....	4	AGT 2723, Beef Production II .....	3
AGR 1313, Plant Science .....	3	AGT 2923 Sup. Ag. Experience .....	3
AGT 2713, Beef Production I .....	3	AGT 1813, Fitting/Groom./Judging .....	3
AGT 1413, Principles of Agricultural Management .....	3	*Technical Elective .....	3
Total	15	Total	16

## CAREER CERTIFICATE EXIT POINT

### SOPHOMORE YEAR

Third Semester	Semester Hours	Fourth Semester	Semester Hours
**AGT 1613, Agricultural Records .....	3	**AGT 2263, Appl. Ag. Economics .....	3
**AGT 2663, Appl. Animal Nut. ....	3	**AGT 1513, Prin. of Ag. Mrktg. ....	3
**AGT 2613, Forage/Pasture Crops .....	3	SPT 1113, Public Speaking I .....	3
ENG 1113, English Comp. I .....	3	Fine Arts/Humanities Elective .....	3
Math/Science Elective .....	3/4	Social/Behavioral Science Elective .....	3
Total	15/16	Total	15

\* Any instructor approved technical elective

\*\*Courses required in addition to Career Certificate courses for Technical Certificate

## Agricultural Business and Management Technology/Animal Science

Adviser: Benton • Offered at Senatobia campus only

*Career Certificate • Technical Certificate • Associate of Applied Science*

The Animal Science Concentration of Agricultural Business and Management Technology is designed to prepare the student for a career in the animal husbandry industry. Students will receive instruction in feeding, breeding, management, and health care of cattle and horses. In addition, the student will complete course work dealing with feed crops and soils. Students in the program will complete the CPAS exam.

### FRESHMAN YEAR

First Semester	Semester Hours	Second Semester	Semester Hours
AGT 1112, Survey of Agricultural Technology .....	2	AGT 1513, Principles of Agricultural Marketing .....	3
AGR 1214, Animal Science .....	4	AGT 1813, Fitting/Groom./Judging .....	3
AGR 1313, Plant Science .....	3	AGR 2314, Soils .....	4
AGT 1413, Principles of Agricultural Management .....	3	AGT 2863, Horse Production .....	3
AGT 1613, Agricultural Records .....	3	AGT 2263, Appl. Ag. Economics .....	3
Total	15	Total	16

## CAREER CERTIFICATE EXIT POINT

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## SOPHOMORE YEAR

Third Semester	Semester Hours	Fourth Semester	Semester Hours
**AGT 2713, Beef Production I.....	3	**AGT 2723, Beef Production II .....	3
**AGT 2663, Applied Animal Nutrition.....	3	**AGT 1913, Animal Reproduction ..	3
**AGT 2613, Forage and Pasture Crops.....	3	Social/Behaviorial Science Elective.....	3
ENG 1113, English Comp. I.....	3	SPT 1113, Public Speaking I .....	3
Math/Science Elective .....	3/4	Humanities/Fine Arts Elective.....	3
Total	<u>15/16</u>	Total	<u>15</u>

\*\*Courses required in addition to Career Certificate courses for Technical Certificate

## Agricultural Technology/John Deere Tech

Advisers: Johnston, Massey • Offered at Senatobia campus only

*Associate of Applied Science*

Agricultural Technology is an instructional program that prepares individuals to select, operate, maintain, service, and use agricultural power units, machinery, and equipment. Included is instruction in engine design, use, maintenance, and repair techniques. The program covers internal combustion engines service and overhaul, electrical systems, hydraulic systems, power trains, air conditioning, grain harvesting equipment, spray equipment, row crop planting systems, cotton harvesting equipment, hay harvesting equipment compact engines equipment servicing, cutting and welding, and service repair center management and operations.

The Associate of Applied Science degree may be granted to students who complete the curriculum. Students in the program will complete the CPAS exam.

**Special Admissions Requirements:** Students who wish to enter the Agriculture Technology/John Deere Tech program must:

1. Contact program adviser for program visit.
2. Minimum ACT composite score of 15 or be eligible to take Intermediate Algebra and English Composition I.
3. Obtain a sponsorship with a qualified John Deere dealership.
4. Provide their own tools (tool list available on Northwest website at [www.northwestms.edu](http://www.northwestms.edu)).
5. Provide their own laptop.

## FRESHMAN YEAR

First Semester	Semester Hours	Second Semester	Semester Hours
AMT 1123, Agricultural Mechanics Fundamentals.....	3	AMT 2812, Compact Engines and Equipment.....	2
AMT 1213, Basic Electrical/ Electronics Systems .....	3	AMT 1613, Basic Hydraulic Sys.....	3
AMT 1313, Basic Power Trains .....	3	AMT 2926, Supervised Work Experience in Ag.....	6
AMT 1414, Basic Engines.....	4	AMT 1161, Introduction to Spatial Information Systems .....	1
Humanities/Fine Arts Elective.....	3	Basic Computer Skills Elective .....	3
ENG 1113, Eng. Comp. I.....	3	Total	<u>15</u>
Total	<u>19</u>	Total	<u>15</u>

## 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
	13

## 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	12	Total	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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