

## SOPHOMORE YEAR

Third Semester	Semester Hours	Fourth Semester	Semester Hours
**EET 2354, SS Motor Control. ....	4	Technical Elective .....	3
**EET 2363, PLCs .....	3	Technical Elective .....	3
Technical Elective .....	3	SPT 1113, Public Speaking I .....	3
Humanities/Fine Arts Elective.....	3	Social/Behavioral Science Elective.....	3
ENG 1113, English Comp. I.....	3	MAT 1313, College Algebra.....	3
Total	16	Total	15

All EET/MST courses are restricted to IEET and Manufacturing Technology majors only.

Students must receive a grade of "C" or higher in all EET/MST coursework prior to progressing to the next semester or completing the program.

\*Courses required for career certification in Industrial Electronics.

\*/\*\*Courses required for Technical Certificate in Industrial Electronics.

All technical electives must be adviser approved.

## Emergency Medical Technology–Basic

Advisers: Kuchta, Lance • Offered at Senatobia campus, DeSoto Center-Southaven and Lafayette-Yalobusha Technical Center

### *Career Certificate*

Emergency Medical Technology–Basic is an instructional program that prepares individuals to function in the pre-hospital environment. The EMT-Basic program provides instruction in basic life support care of sick and injured persons. This includes: airway assessment, communications, documentation, general pharmacology, hemorrhage control, ambulance operations, and splinting of adult, pediatric and infant patients; and special care of patients exposed to heat, cold, radiation or contagious disease. Students who complete the program will be eligible to take the National Registry's Exam, EMT-BASIC.

Any interested person should contact: David Kuchta, Program Director, at [dkuchta@northwestms.edu](mailto:dkuchta@northwestms.edu) or Jennifer Lance at [jlance@northwestms.edu](mailto:jlance@northwestms.edu). Students who wish to enter Emergency Medical Technology-Basic must:

1. Be 18 years of age prior to the completion of the course.
2. Have an ACT composite score of 18 or better or TABE score of 12 or better.

One Semester	Semester Hours
EMS 1118, EMT .....	8
BIO 2513, Anatomy & Physiology I .....	3
BIO 2511, Anatomy & Physiology I Lab .....	1
(3) hours of the Technical Core Curriculum .....	3

NOTE: If the student does not have the score to enter BIO 2513 or BIO 2523, then they can enroll in BIO 1533 Survey of A & P and BIO 1531 Lab or BIO 1113 Principles of Biology I and BIO 1111 Principles of Biology I Lab.

## Emergency Medical Technology—Advanced

Special admission requirements include limited enrollment, specific program application, and other stipulations. Northwest application for admission, required high school and college transcript(s) and ACT scores must be sent to the Senatobia campus.

Any interested person should contact: David Kuchta, Program Director, at dkuchta@northwestms.edu or 662-562-3986 or Jennifer Lance at jlance@northwestms.edu or 662-560-1127. Students who wish to enter the Emergency Medical Technology-Advanced must:

1. Have a valid EMT National Registry certification.
2. Have a GPA of “C” or better in Anatomy and Physiology I with lab (BIO 2513 and BIO 2511).
3. Be 18 years of age or older with a high school diploma or HSE.
4. Have an ACT composite score of 18 or better or TABE score of 12 or better.

First Semester	Semester Hours	Second Semester	Semester Hours
EMS 1142, Found. of Paramedic Lect	.2	EMS 2743, Con. Trauma Med. Lect....3	
EMS 1151, Found. of Paramedic Lab...	1	EMS 2752, Con. Trauma Med. Lab.....2	
EMS 1242, Con. Airway/Resp. Lect....2		EMS 2312, Fund. of Advanced EMT ..2	
EMS 1251, Con. Airway/Resp. Lab.....1		EMS 2211, Practicum II.....1	
EMS 1343, Con. Cardio Med. Lect. ....3			
EMS 1352, Con. Cardio Med. Lab.....2			
EMS 2912, Concepts of EMS Ops. ....2			
EMS 1514, Practicum I.....4			
Total	<hr/> 17	Total	<hr/> 8

## Emergency Medical Technology—Paramedic

Advisers: Kuchta, Lance • Offered at Senatobia campus only

*Associate of Applied Science*

Paramedics have fulfilled prescribed requirements by a credentialing agency to practice the art and science of out-of-hospital medicine in conjunction with medical direction. Through performance of assessments and providing medical care, their goal is to prevent and reduce mortality and morbidity due to illness and injury. Paramedics primarily provide care to emergency patients in an out-of-hospital setting.

Paramedics possess the knowledge, skills, and attitudes consistent with the expectations of the public and the profession. Paramedics recognize that they are an essential component of the continuum of care and serve as linkages among health resources.

**Special admissions requirements:** Special admission requirements include limited enrollment, and other stipulations. Any interested person should contact: David Kuchta, Program Director, at dkuchta@northwestms.edu or Jennifer Lance at jlance@northwestms.edu. Students who wish to enter the Emergency Medical Technology-Paramedic Program must:

1. Have a valid EMT-Basic National Registry certification.
2. Grade point average of “C” or better in Anatomy and Physiology I with lab (BIO 2513 BIO 2511).
3. Be 18 years of age or older with a high school diploma or HSE.
4. Have an ACT composite score of 18 or better or TABE A score of 12 or better.

Classroom instruction is comprehensive including a working knowledge of all anatomy, physiology, and pathophysiological processes as well as competency-based

*continued on next page*

instruction in assessment and management skills required for treatment of life-threatening problems in the adult, pediatric, and geriatric patient. Clinical internship requires participation in care of patients in a hospital emergency department that provides medical control to ALS providers in the field and, according to availability, CCU, ICU, labor and delivery suite, operating room, psychiatric ward, pediatric ward, and geriatric ward. Field internship is done with an ambulance service and/or rescue service providing advanced life support services to the community. Students need to maintain a "C" average in each individual class in order to continue the Paramedic program the following semester.

A student successfully completing the program will receive an associate degree from the college and be eligible to take National Registry's Exam as an EMT-Paramedic. This training program is sanctioned by the Mississippi State Board of Health, Division of EMS, the State Department of Education, and the Committee on Accreditation of Educational Programs for the EMS Professions. The program meets or exceeds those standards established by the National Highway Traffic Safety Administration/U.S. Department of Transportation.

The curriculum of the Paramedic Program is for four semesters in length, and classes are admitted each fall semester requiring a minimum of 1,500 hours of classroom instruction, clinical, and field internship.

### FRESHMAN YEAR

First Semester	Semester Hours	Second Semester	Semester Hours
EMS 1142, Found. of Paramedic Lect.	.2	EMS 2743, Con. Trauma Med. Lect.	...3
EMS 1151, Found. of Paramedic Lab	...1	EMS 2752, Con. Trauma Med. Lab	....2
EMS 1242, Con. Airway/Resp. Lect.	...2	EMS 1742, Con. Neuro. Med. Lect.	....2
EMS 1251, Con. Airway/Resp. Lab	....1	EMS 1751, Con. Neuro. Med. Lab	.....1
EMS 1343, Con. Cardio Med. Lect.	....3	EMS 2343, Med. Emerg. Sec. Lect.	....3
EMS 1352, Con. Cardio Med. Lab	.....2	EMS 2351, Med. Emerg. Sec. Lab	.....1
EMS 2912, Concepts of EMS Ops.	.....2	EMS 1525, Practicum II	.....5
EMS 1514, Practicum I	.....4		
BIO 2523, A & P II Lecture	.....3		
BIO 2521, A & P II Lab	.....1		
Total	21	Total	17

### SOPHOMORE YEAR

Third Semester	Sem. Hours	Fourth Semester	Semester Hours
EMS 1942, Con. Reprod. Med. Lect.	...2	EMS 2942, Paramedic Capstone Lect.	..2
EMS 1951, Con. Reprod. Med. Lab	....1	EMS 2952, Paramedic Capstone Lab	...2
SPT 1113, Public Speaking I	.....3	EMS 2566, Practicum III	.....6
Basic Computer Skills Elective	.....3	Fine Arts/Humanities Elective	.....3
PSY 1513, Gen. Psychology	.....3		
ENG 1113, English Comp. I	.....3		
Total	15	Total	13

## Funeral Service Technology

Program Director: Hopper • Adviser: Dukes • Offered at DeSoto Center-Southaven only

*Associate of Applied Science*

The Funeral Service Technology degree program offers a curriculum leading to an Associate of Applied Science degree in Funeral Service Technology. The Associate of Applied Science degree program in Funeral Service Technology at Northwest