

# IGNITE SOUTH ACADEMIC PLAN

**Diesel Medium Heavy Truck Inspection, Maintenance, and Minor Repair Technician  
CIP 47.0605.07**

**A student must have 6 courses each semester**

## Graduation Requirements

Total: 22

Grade 9		Grade 10		Grade 11		Grade 12	
<i>Required Courses</i>		<i>Required Courses</i>		<i>Required Courses</i>		<i>Required Courses</i>	
Courses	Credit	Courses	Credit	Courses	Credit	Courses	Credit
Eng I or Hon Eng I	1	Eng II or Hon Eng II	1	Eng III, AP Language Composition or Dual Credit	1	Eng IV, AP Eng, Eng 101/102, or ENG-Based College Class	1
Alg I, Honors Algebra I, Geometry or Honors Geometry	1	<u>Geometry or Honors Geometry</u> or Algebra II	1	Math Course Suggested: Algebra II or Honors Algebra II or Pre-Cal	1	Math Course Dual Credit, Financial Literacy, Medical Math, or Other	1
Science Foundations/ Hon Science Foundations	1	Biology or AP Biology	1	Chemistry, Physics or Conceptual Science	1	10 Hours of Service Learning  Meet ACT Benchmarks  Pass Civics Test	
Integrated Social Studies or AP Human Government	1	Western (World) Civilization or AP European History	1	U.S. History or AP U.S History	1		
PE 1 (AFROTC)	1/2						
Health (AFROTC Online)	1/2						
<i>Students are required to earn 1 credit of Humanities before graduation. Humanities can be 1 credit of band, art, music, drama, or humanities course.</i>							
<i>** Pre-college curriculum recommends 2 consecutive years of a foreign language be taken before graduation. This is not a MSHS Graduation Requirement.</i>							
<i>** To Co-op when you are a senior. (Must have earned 4 credits in a pathway or earned 2 credits and be enrolled in a 3rd class in your pathway + co-op.) )See Pathway handout.</i>							
<b>Pathway Courses</b>							
470450 Diesel IMMR Sect. A	470451 Diesel IMMR Sect. B	470452 Diesel IMMR Sect. C	470453 Diesel IMMR Sect. D				

## Possible Occupations

*Diesel Technician  
 Diesel Mechanic  
 Diesel Technician Instructor  
 Diesel Engine Mechanic  
 Farm Equipment Mechanic*

*Railroad Diesel Mechanic  
 Marine Engine Mechanic  
 Aviation  
 Heavy Equipment Specialist  
 Locomotive Mechanic*