Academic Pathways Map

Diesel Technology CAS

C.A.S.

Industry and Trades

Start Here

SEMESTER 1		CREDITS	MILESTONE	✓
M111	Technical Mathematics	3		
DST112	Diesel Electrical Systems	5		
DST108	Industrial Practices for Diesel Technology	3		
DST255	HD Brakes and Undercarriage	7		
		TOTAL CREDITS	18	

SEMESTER 2		CREDITS	MILESTONE	✓
COMX106	Communicating in a Dynamic Workplace	3		
DST240	HD Manual Drive Trains	5		
DST245	HD Hydraulic Drive Train	4		
DST145	Diesel Engine Repair	6		
		TOTAL CREDITS	18	

You are finished!

Pathway Advising Notes: -Earning a Commercial Driver's License (CDL) is highly recommended to increase your marketability for employment. Helena College offers this training as a 4-credit class every semester, including summer: HEO 100. This class requires significant classroom hours and drive time, and it is not recommended for your first semester of college.

-Classes must be taken in the order outlined on this pathway map, beginning in the fall semester. This includes M111 and COMX106.

-Program requires full-time enrollment (unless granted permission by the instructor).

-In order to advance, all previous semester classes must be passed with a C- or better.

-The C.A.S. in Diesel Technology is the first year of the A.A.S. in Diesel Technology. Refer to the A.A.S. Diesel Technology pathway map for the second-year classes.

-Diesel students must purchase tools, but it is best to wait until orientation or the first day of class to get specific recommendations from your instructor. Please refer to the Helena College Catalog for a list of required tools.

Course Advising Notes: M111: This is the math class recommended for students in skilled trades programs, but other higher math classes may be substituted. Your advisor can help determine placement.

Academic Year 2026 - 2027