

## Academic Pathways Map

### Diesel Technology CAS3

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		
DST142	Hydraulics	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.



**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.