


MODEL ROUTE

School:	School of Transportation	Program Numbers:	8225					
Program Title:	Motive Power Techniques - Heavy Duty Equipment	Credential:	<input checked="" type="checkbox"/> Certificate <input type="checkbox"/> Graduate Certificate <input type="checkbox"/> Diploma <input type="checkbox"/> Advanced Diploma <input type="checkbox"/> Degree					
Delivery Mode:	<input type="checkbox"/> Co-Op <input checked="" type="checkbox"/> Non - Co-Op <input type="checkbox"/> Fast Track	Duration (Levels):	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 9					
Intake:	FALL							
Course Code	Course Title	Co/Pre Requisite (Course Code)	Lab Hours	Lecture Hours	Total Course Hrs (Lab + Lecture)	Weeks (8)	Total Hours	
Semester 1	Fall 2021							
COMM 160/161	College Communication 1*		0	3	3	14	42	
MPPS-101	Motive Power Professional Skills		0	3	3	14	42	
HDMP 101	Workplace Trade Practices 1		2	2	4	14	56	
HDMP 102	Engine Systems 1		2	2	4	14	56	
HDMP 107	Electrical Fundamentals		2	2	4	14	56	
HDMP 109	Fluid Power Systems 1		2	2	4	14	56	
MCAL 100	Measurements & Calculations 1		0	2	2	14	28	
			8	16	24	Total	336	
Semester 2	Winter 2022							
COMM 170/171	College Communication 2*	P COMM 160/161	0	3	3	14	42	
GNED	General Education Elective		0	3	3	14	42	
HDMP 205	Drive Train Systems 1		2	2	4	14	56	
HDMP 206	Wheel End Assemblies & Brake Systems		2	2	4	14	56	
HDMP 208	Fuel Systems 1		2	2	4	14	56	
HDMP 211	Trade Practices Hoisting and Rigging	P HDMP 101	2	2	4	14	56	
MCAL 200	Measurements and Calculations 2	P MCAL 100	0	2	2	14	28	
			8	16	24	Total	336	
Minimum Grade Required: Cumulative GPA of 2.0 or "C"								
Total Program Hours:						672		
C = Co-Requisite; P = Pre-Requisite Notes: * Students will be placed in the appropriate level based on skills assessment results. Students who successfully complete this program may apply to 8215 and receive credit for year one of the diploma program.								
Signature:	 <div style="border: 1px solid black; width: 200px; margin: 5px auto; text-align: center;">Chairperson</div>			March 2021 Revised Date				