

MODEL ROUTE

School:	Transportation	Program Number:	8214
Program Title:	(Truck/Coach) Motive Power Technician	Credential:	Diploma
Delivery Mode:	Non-Coop	Duration (Semesters):	4
Intake:	Fall 2020		

Course Code	Course Title	Co/Pre Requisite (Course Code)	Lab Hours	Lecture Hours	Total Course Hrs (Lab + Lecture)	Weeks (14)	Total Hours
Semester 1							
COMM 160/161	College Communication 1*		0	3	3	14	42
MPPS-101	Motive Power Professional Skills		3	0	3	14	42
MCAL 100	Measurements & Calculations 1		0	2	2	14	28
TCMP 101	Workplace Trade Practices		2	2	4	14	56
TCMP 102	Engine Systems 1		2	2	4	14	56
TCMP 107	Electrical Fundamentals		2	2	4	14	56
TCMP 109	Fluid Power Systems		2	2	4	14	56
			11	13	24	Total	336
Semester 2							
COMM 170/171	College Communication 2*	P COMM 160/161		3	3	14	42
GNED	General Education Elective		0	3	3	14	42
MCAL 200	Measurements & Calculations 2	P MCAL 100	0	2	2	14	28
TCMP 205	Drive Train Systems 1		2	2	4	14	56
TCMP 206	Wheel End Assemblies & Brake Systems		2	2	4	14	56
TCMP 208	Fuel Systems 1		2	2	4	14	56
TCMP 214	Preventative Maintenance		2	2	4	14	56
			8	16	24	Total	336
Semester 3							
FOPM 100	Fixed Operations Management 1		0	2	2	14	28
GNED 500	Global Citizenship		0	3	3	14	42
TCMP 301	Trade Practices and Auxilliary Systems	P TCMP 101	2	2	4	14	56
TCMP 302	Engine Systems 2	P TCMP 102	2	2	4	14	56
TCMP 305	Drive Train Systems 2	P TCMP 205	2	2	4	14	56
TCMP 307	Electrical Systems	P TCMP 107	2	2	4	14	56
TCMP 310	Vehicle Management Electronics & Emissions Systems		2	2	4	14	56
			10	15	25	Total	350
Semester 4							
ENGL 219	Communications for Professionals in the Automotive Industry	P COMM 170/171	0	2	2	14	28
FOPM 200	Fixed Operations Management 2	P FOPM 100	0	2	2	14	28
GNED	General Education Elective		0	3	3	14	42
TCMP 400	HVAC & ODP Certification		2	2	4	14	56
TCMP 403	Operational Compliance		2	2	4	14	56
TCMP 404	Vehicle Specifications		0	2	2	14	28
TCMP 406	Steering Suspension & Brake Systems	P TCMP 206	2	2	4	14	56
TCMP 408	Fuel Systems 2	P TCMP 208	2	2	4	14	56
			8	17	25	Total	350

Minimum Grade Required: Cumulative GPA of 2.0 or "C"

Total Program Hours: 1372

C = Co-Requisite; P = Pre-Requisite

Notes:
* Students will be placed in the appropriate level based on skills assessment results.

Signature: _____
School Dean

16-Mar-16
Revised Date