

MODEL ROUTE

| | | | | | | | |
|---|--|---|---------------------------|--------------------------|--|----------------------|------------------------|
| School: | School of Transportation | | Program Numbers: | | 8540, 8598, 8599 | | |
| Program Title: | Heavy Duty Technician Apprenticeship Program | | Credential: | | <input checked="" type="checkbox"/> Certificate <input checked="" 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 checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 9 | | |
| Intake: | FALL/WINTER/SPRING | | | | | | |
| Course Code | Course Title | Co/Pre Requisite (Course Code) | Lab Hours | Lecture Hours | Total Course Hrs (Lab + Lecture) | Weeks (8) | Total Hours |
| Level 1 (8540) | Fall 2021/ Winter 2022 / Spring 2022 | | | | | | |
| APCV101 | TRADE PRACTICES | | 2 | 3 | 5 | 8 | 40 |
| APCV102 | ENGINE SYSTEMS | | 2 | 3 | 5 | 8 | 40 |
| APCV105 | DRIVE TRAINS | | 1 | 3 | 4 | 8 | 32 |
| APCV106 | BRAKE SYSTEMS | | 2 | 2 | 4 | 8 | 32 |
| APCV107 | ELECTRICAL SYSTEMS | | 2 | 4 | 6 | 8 | 48 |
| APCV108 | FUEL SYSTEMS | | 1 | 2 | 3 | 8 | 24 |
| APCV109 | FLUID POWER SYSTEMS | | 1 | 2 | 3 | 8 | 24 |
| | | | | | | Total | 240 |
| Level 2 (8598) | Fall 2021/ Winter 2022 / Spring 2022 | | | | | | |
| APHV201 | FLUID POWER | APCV109 | 2 | 5 | 7 | 8 | 56 |
| APHV205 | TRADE PRACTICES | APCV101 | 1 | 2 | 3 | 8 | 24 |
| APHV206 | ENGINE SYSTEMS | APCV102 | 2 | 2 | 4 | 8 | 32 |
| APHV207 | ELECTRICAL/ELECTRONICS | APCV107 | 2 | 3 | 5 | 8 | 40 |
| APHV208 | FUEL SYSTEMS | APCV108 | 2 | 2 | 4 | 8 | 32 |
| APHV209 | BRAKE SYSTEMS | APCV106 | 1 | 2 | 3 | 8 | 24 |
| APHV210 | DRIVE TRAINS | APCV105 | 2 | 2 | 4 | 8 | 32 |
| | | | | | | Total | 240 |
| Level 3 (8599) | Fall 2021/ Winter 2022 / Spring 2022 | | | | | | |
| APHV301 | FLUID POWER | APHV201 | 2 | 4 | 6 | 8 | 48 |
| APHV305 | TRADE PRACTICES | APHV205 | 2 | 1 | 3 | 8 | 24 |
| APHV306 | ENGINE SYSTEMS | APHV206 | 1 | 2 | 3 | 8 | 24 |
| APHV307 | ELECTRICAL/ELECTRONICS | APHV207 | 2 | 3 | 5 | 8 | 40 |
| APHV308 | FUEL SYSTEMS | APHV208 | 2 | 3 | 5 | 8 | 40 |
| APHV309 | BRAKE SYSTEMS | APHV209 | 2 | 2 | 4 | 8 | 32 |
| APHV310 | DRIVE TRAINS | APHV210 | 2 | 2 | 4 | 8 | 32 |
| | | | | | | Total | 240 |
| Minimum Grade Required: Cumulative GPA of 2.0 or "C" | | | | | | | |
| Total Program Hours: | | | | | | | 720 |
| C = Co-Requisite; P = Pre-Requisite | | | | | | | |
| Notes: | | | | | | | |
| Apprenticeship programs (levels) have varying start dates (intakes) and delivery formats in an academic year. | | | | | | | |
| The various delivery formats are: | | | | | | | |
| * Block Release 5 days per week for an 8 weeks block (Intake start: Fall/Winter/Spring) | | | | | | | |
| * Day Release 1 day per week for 36 weeks (Intake start: Fall only) | | | | | | | |
| Model route reflected above is used for the block release delivery format - 8 weeks block. | | | | | | | |
| Please contact the school for more information on Apprenticeship Programs. | | | | | | | |
| A certificate will be issued on successful completion of level 3. | | | | | | | |

X Sean Spence

Signature:

Chairperson

31-Mar-21

Revised Date