



## Automotive Technician - Academic Planner

Technical Diploma: 32-404-2

Campus: Fond du Lac

Curriculum for 2015-2016

12/1/2014

Program Advisor: \_\_\_\_\_

| ✓   | T/G | Course |     | Title                                  | Hours / Week |     |       | Total |           | Prerequisites and/or Corequisites | Typically Offered  |          |           | Comments |   |
|---|-----|--------|-----|--|--------------|-----|-------|-------|-----------|-----------------------------------|--|----------|-----------|----------|---|
|   |     | Subj   | Num |  | Lec          | Lab | Other | Hours | Credits   |                                   | S  | F        | SP        |          |   |
|   |     |        |     | <b>Program Admission Requirement</b>   |              |     |       |       |           |                                   |  |          |           |          |   |
|   |     | 998    | 171 | Auto New Student Orientation           | 2            |     |       |       | 2         | 0.05                              |  |          |           | x        |   |
| <b>Term 1:</b>  |     |        |     |  |              |     |       |       |           |                                   | <b>S</b>   | <b>F</b> | <b>SP</b> |          |   |
| <b>New Program Students: Attend New Student Orientation before registering and your Priority Registration Session</b> |     |        |     |  |              |     |       |       |           |                                   |  |          |           |          |   |
|   |     | 103    | 159 | **Computer Literacy - Microsoft Office |              | 2   |       |       | 36        | 1                                 |  | x        | x         | x        | **Institutional Requirement. May be eligible for Advanced Standing. Suggested to take before fall semester. |
|   | T   | 602    | 104 | Brake Systems                          | 1            | 2   | 3     |       | 108       | 3                                 | Completion of or concurrent enrollment in 602-107 Auto Service Fundamentals  |          | x         |          |   |
|   | T   | 602    | 107 | Auto Service Fundamentals              | 1            |     | 3     |       | 72        | 2                                 | Completion of or concurrent enrollment in 103-159 Computer Literacy - Microsoft Office; 804-107 College Mathematics; 890-101 College 101; 998-171 Auto New Student Orientation |          | x         |          |   |
|   | T   | 602    | 124 | Steering and Suspension Systems        | 1            | 2   | 3     |       | 108       | 3                                 | Completion of or concurrent enrollment in 602-107 Auto Service Fundamentals  |          | x         |          |   |
|   | T   | 602    | 125 | Electrical and Electronic Systems 1    | 2            |     |       |       | 36        | 2                                 | Completion of or concurrent enrollment in 602-107 Auto Service Fundamentals  |          | x         |          |   |
|   | T   | 623    | 105 | Metals for Technicians                 | 1            |     |       |       | 18        | 1                                 |  |          | x         |          |   |
|   | G   | 804    | 360 | Occupational Mathematics 1 (or)        | 3            |     |       |       | 54        | 2                                 |  |          | x         | x        |   |
|   | G   | 804    | 107 | College Mathematics                    |              |     |       |       |           | (3)                               |  |          |           |          |   |
|   |     | 890    | 101 | **College 101                          | 2            |     |       |       | 36        | 2                                 |  | x        | x         | x        | **Institutional Requirement. Suggested to take before fall semester.  |
| <b>Total 1st Term Credits</b>   |     |        |     |  |              |     |       |       | <b>16</b> |                                   |  |          |           |          |   |
| <b>Term 2:</b>  |     |        |     |  |              |     |       |       |           |                                   | <b>S</b>   | <b>F</b> | <b>SP</b> |          |   |
|   | T   | 442    | 101 | Welding for Automotive Technicians     |              | 2   |       |       | 36        | 1                                 |  |          |           | x        |   |
|   | T   | 602    | 103 | Engine Repair 1                        | 1            |     | 3     |       | 72        | 2                                 | 602-107 Auto Service Fundamentals  |          |           | x        |   |
|   | T   | 602    | 127 | Electrical and Electronic Systems 2    | 1            | 2   | 3     |       | 108       | 3                                 | 602-125 Electrical and Electronic Systems 1  |          |           | x        |   |
|   | T   | 602    | 128 | Electrical and Electronic Systems 3    | 1            | 2   | 3     |       | 108       | 3                                 | Completion of or concurrent enrollment in 602-127 Electrical and Electronic Systems 2  |          |           | x        |   |
|   | T   | 602    | 133 | Shop Simulation/Internship 1           |              | 4   |       |       | 72        | 2                                 | 602-104 Brake Systems<br>602-124 Steering and Suspension Systems   |          |           |          |   |
|   | T   | 602    | 197 | Engine Performance 1                   | 1            | 2   | 3     |       | 108       | 3                                 | Completion of or concurrent enrollment in 602-103 Engine Repair 1  |          |           | x        |   |
|   | G   | 801    | 310 | Occupational Communication (or)        | 3            |     |       |       | 54        | 2                                 |  |          | x         | x        |   |
|   | G   | 801    | 136 | English Composition 1                  | 3            |     |       |       | 54        | (3)                               |  |          |           |          |   |
|   | G   | 806    | 376 | Applied Physics (or)                   | 3            |     |       |       | 54        | 2                                 |  |          | x         |          |   |
|   | G   | 806    | 137 | Comprehensive Technical Physics        |              |     |       |       |           | (4)                               | 804-114 College Technical Mathematics 1B   |          |           |          |   |
| <b>Total 2nd Term Credits</b>   |     |        |     |  |              |     |       |       | <b>18</b> |                                   |  |          |           |          |   |

| ✓  | Course |      |     | Hours / Week                         |  |       | Total |         | Prerequisites and/or Corequisites | Typically Offered   |          |          | Comments  |  |
|--|--------|------|-----|--------------------------------------|--|-------|-------|---------|-----------------------------------|---|----------|----------|-----------|--|
|  | T/G    | Subj | Num | Lec                                  | Lab  | Other | Hours | Credits |                                   | S   | F        | SP       |           |  |
| <b>Term 3:</b>   |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
|  | T      | 602  | 123 | Engine Repair 2                      | 1  |       | 6     | 126     | 3                                 | 602-103 Engine Repair 1   |          | x        |           |  |
|  | T      | 602  | 134 | Shop Simulation/Internship 2         |  | 4     |       | 72      | 2                                 | 602-128 Electrical and Electronic Systems 3<br>602-197 Engine Performance 1                                     |          | x        |           |  |
|  | T      | 602  | 196 | Climate Control Systems              | 1  | 2     | 3     | 108     | 3                                 | 602-127 Electrical and Electronic Systems 2   |          | x        |           |  |
|  | T      | 602  | 198 | Engine Performance 2                 | 2  | 4     |       | 108     | 4                                 | 602-197 Engine Performance 1  |          | x        |           |  |
|  | G      | 809  | 300 | Occupational Success Strategies (or) | 3  |       |       | 54      | 2                                 |   |          | x        | x         |  |
|  | G      | 801  | 136 | English Composition 1                |  |       |       |         | (3)                               |   |          |          |           |  |
| <b>Total 3rd Term Credits</b>  |        |      |     |                                      |  |       |       |         | <b>14</b>                         |   |          |          |           |  |
| <b>Term 4:</b>   |        |      |     |                                      |  |       |       |         |                                   |   | <b>S</b> | <b>F</b> | <b>SP</b> |  |
| <b>Apply for Graduation when completing Term 4 registration</b>  |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
|  | T      | 602  | 109 | Auto Transmission/Transaxle          | 1  | 4     | 3     | 144     | 4                                 | 602-127 Electrical and Electronic Systems 2   |          |          | x         |  |
|  | T      | 602  | 132 | Light Duty Diesel Engine Operation   | 1  | 2     |       | 54      | 2                                 | 602-198 Engine Performance 2  |          |          | x         |  |
|  | T      | 602  | 135 | Shop Simulation/Internship 3         |  | 4     |       | 72      | 2                                 | 602-123 Engine Repair 2<br>602-196 Climate Control Systems<br>602-198 Engine Performance 2                      |          |          | x         |  |
|  | T      | 602  | 149 | Manual Drive Train and Axles*        | 1  | 4     | 3     | 144     | 4                                 | 602-127 Electrical and Electronic Systems 2   |          |          | x         |  |
|  | T      | 602  | 195 | Advanced Chassis Systems             | 1  | 2     |       | 54      | 2                                 | 602-104 Brake Systems<br>602-124 Steering and Suspension Systems<br>602-127 Electrical and Electronic Systems 2 |          |          | x         |  |
| <b>Total 4th Term Credits</b>  |        |      |     |                                      |  |       |       |         | <b>14</b>                         |   |          |          |           |  |
| <b>Total Program Credits and Institutional Requirements</b>  |        |      |     |                                      |  |       |       |         | <b>62</b>                         |   |          |          |           |  |
| <b>**The credits for 103-159 Computer Literacy-Microsoft Office and 890-101 College 101 are Institutional Requirements for graduation. Consequently, they are not part of the program credit requirements.</b>   |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
| <b>* Licensure/certification exams are an exit assessment graduation requirement for the program. Successful completion of Mobile Refrigerant Handling Licensure and ASE Student Exams.</b>  |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
| T/G: T - Technical Studies course; G - General Studies course  |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
| Semester Codes: S-Summer; F-Fall; SP-Spring  |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
| Curriculum and program acceptance requirements are subject to change.  |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
| **If associate degree General Education course options are chosen, higher assessment test scores will be required. Please contact an Admissions Specialist for assistance.   |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
| If Student Success Center or General College courses (ie: 831-103 Introduction to College Writing, 838-105 Introduction to Reading and Study Skills, 834-109 Pre-Algebra) are required based on college placement; or if the student elects part-time enrollment, the time required to complete the program will increase. |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
| For a complete list of course descriptions for this program, please consult the College Catalog at <a href="http://www.morainepark.edu/MPTCCatalog">http://www.morainepark.edu/MPTCCatalog</a> .   |        |      |     |                                      |  |       |       |         |                                   |   |          |          |           |  |
|  |        | 998  | 170 | Auto Orientation                     | For students who are transferring into Moraine Park with credit (I.e., Tech Prep, Youth Options) |       |       |         |                                   |   |          |          | x         |  |