



## Automotive Technician - Academic Planner

Technical Diploma: 32-404-2

Campus: Fond du Lac

Curriculum for 2013-2014

10/23/2012

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

| Entrance Assessment Scores    | ACT | Accuplacer |
|-------------------------------|-----|------------|
| Assessment Areas              |     |            |
| English/Sentence Skills       | 16  | 60         |
| Reading/Reading Comprehension | 16  | 55         |
| Math/Arithmetic               | 16  | 34         |

| ✓  | Course |          | Title                                  | Hours / Week |     |       | Total |           | Prerequisites and/or Corequisites   | Typically Offered |   |    | Comments |   |
|--|--------|----------|--|--------------|-----|-------|-------|-----------|---|-------------------|---|----|----------|---|
|  | T/G    | Subj Num |  | Lec          | Lab | Other | Hours | Credits   |   | S                 | F | SP |          |   |
| <b>Term 1:</b>   |        |          |  |              |     |       |       |           |   |                   |   |    |          |   |
| <b>New Program Students: Attend New Student Orientation 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; 804-360 Occupational Math 1 or 804-107 College Mathematics; 890-101 College 101 |                   |   | 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 Math 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>   |        |          |  |              |     |       |       |           |   |                   |   |    |          |   |
| 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  |        |          |  | 1            | 2   | 3     | 108   | 3         | Completion of or concurrent enrollment in 602-103 Engine Repair 1 and 602-127 Electrical and Electronic Systems 2   |                   |   |    |          |   |
|  |        | 602 197  | Engine Performance 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)       |   |                   |   |    |          |   |
| <b>Total 2nd Term Credits</b>  |        |          |  |              |     |       |       | <b>18</b> |   |                   |   |    |          |   |

| ✓   | Course |      |     | Hours / Week   |  |     | Total |       | Prerequisites and/or Corequisites | Typically Offered   |   |   | Comments |    |
|---|--------|------|-----|--|--|-----|-------|-------|-----------------------------------|---|---|---|----------|----|
|   | T/G    | Subj | Num | Title  | 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)                               |   |   |   |          |    |
|   |        |      |     | Total 3rd Term Credits   |  |     |       |       | 14                                |   |   |   |          |    |
| <b>Term 4:</b>  |        |      |     |  |  |     |       |       |                                   |   |   |   |          |    |
|   |        |      |     | <b>Apply for Graduation (which includes a \$30 graduation fee)</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        |    |
|   |        |      |     | Total 4th Term Credits   |  |     |       |       | 14                                |   |   |   |          |    |
|   |        |      |     | <b>Total Program Credits and Institutional Requirements</b>        |  |     |       |       | 62                                |   |   |   |          |    |
| **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.   |        |      |     |  |  |     |       |       |                                   |   |   |   |          |    |
| * Practice licensure/certification exams are an exit assessment graduation requirement for the program.   |        |      |     |  |  |     |       |       |                                   |   |   |   |          |    |
| 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 Intro to College Writing, 838-104 Intro to College Reading, 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        |    |