

# AUTOMOTIVE TECHNOLOGY - CERTIFICATE

| Prefix                              | Title                                               | Credits |
|-------------------------------------|-----------------------------------------------------|---------|
| <b>Core Curriculum Requirements</b> |                                                     |         |
| AUTO 112                            | Basic Gasoline Engines                              | 5       |
| AUTO 117                            | Electronic Analysis and Tune-Up of Gasoline Engines | 5       |
| AUTO 119                            | Manual Transmission/Clutch                          | 5       |
| AUTO 120                            | Electrical Systems                                  | 4       |
| AUTO 125                            | Brakes                                              | 5       |
| AUTO 126                            | Suspension, Steering, and Alignment                 | 5       |
| AUTO 127                            | Basic Automatic Transmission                        | 4       |
| or AUTO 132                         | Automotive Air-Conditioning and Heating Systems     |         |
| AUTO 137                            | Fuel Systems and Emission Controls                  | 4       |
| <b>Related Program Requirements</b> |                                                     |         |
| OETS 102                            | Career Readiness Certification Preparation          | 1       |
| OETS 118                            | Mathematics for Technicians                         | 3       |
| DRFT 190                            | Finding and Maintaining Employment                  | 2       |
| Total Credits                       |                                                     | 43      |

## A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

| Course                  | Title                                                                              | Credits |
|-------------------------|------------------------------------------------------------------------------------|---------|
| <b>First Year</b>       |                                                                                    |         |
| <b>Fall</b>             |                                                                                    |         |
| AUTO 112                | Basic Gasoline Engines                                                             | 5       |
| AUTO 120                | Electrical Systems                                                                 | 4       |
| AUTO 126                | Suspension, Steering, and Alignment                                                | 5       |
| Credits                 |                                                                                    | 14      |
| <b>Spring</b>           |                                                                                    |         |
| AUTO 117                | Electronic Analysis and Tune-Up of Gasoline Engines                                | 5       |
| AUTO 125                | Brakes                                                                             | 5       |
| AUTO 137                | Fuel Systems and Emission Controls                                                 | 4       |
| Credits                 |                                                                                    | 14      |
| <b>Second Year</b>      |                                                                                    |         |
| <b>Fall</b>             |                                                                                    |         |
| AUTO 119                | Manual Transmission/Clutch                                                         | 5       |
| OETS 118                | Mathematics for Technicians                                                        | 3       |
| Credits                 |                                                                                    | 8       |
| <b>Spring</b>           |                                                                                    |         |
| AUTO 127<br>or AUTO 132 | Basic Automatic Transmission<br>or Automotive Air-Conditioning and Heating Systems | 4       |
| DRFT 190                | Finding and Maintaining Employment                                                 | 2       |
| OETS 102                | Career Readiness Certification Preparation                                         | 1       |
| Credits                 |                                                                                    | 7       |
| Total Credits           |                                                                                    | 43      |