

**CERTIFICATE PROGRAM**

**Danville Area Community College  
2015-2016**

**Automotive Technology**

Certificate Program

This program is designed for the student to learn the theory of automotive systems and to gain skills in the servicing of the components.

| <b>REQUIRED COURSES</b>  | <b>HOURS</b> | <b>F,S,I,SU</b> | <b>GRADE</b> |
|--|--------------|-----------------|--------------|
| <b>First Semester</b>  |              |                 |              |
| AUTO 106 Engine Electrical Systems                                 | 5            |                 |              |
| AUTO 111 Intro to Engine Technology                                | 3            |                 |              |
| ENGL 121 Communication Skills                                      | 3            |                 |              |
| Total  | 11           |                 |              |
| <b>Second Semester</b>   |              |                 |              |
| MATT 132 Elementary Technical Math                                 | 4            |                 |              |
| AUTO 128 Fuel Systems & Emission Controls                          | 5            |                 |              |
| AUTO 228 Diagnostic Engine Testing (pre: AUTO 106)                 | 5            |                 |              |
| Total  | 14           |                 |              |
| <b>Third Semester</b>  |              |                 |              |
| AUTO 236 Automotive Computer Controls (pre: AUTO 128 and AUTO 228) | 4            |                 |              |
| Technical Elective   | 4            |                 |              |
| Total  | 8            |                 |              |
| Total Hours  | 33           |                 |              |

|  | <b>HOURS</b> | <b>F,S,I,SU</b> | <b>GRADE</b> |
|--|--------------|-----------------|--------------|
| <b>Technical Electives</b>   |              |                 |              |
| AUTO 113 Drivetrain Systems  | 4            |                 |              |
| AUTO 121 Engine Overhaul   | 3            |                 |              |
| AUTO 134 Steering & Suspension Systems                                   | 3            |                 |              |
| AUTO 135 Braking Systems   | 4            |                 |              |
| AUTO 147 Principles of Air Conditioning                                  | 4            |                 |              |
| AUTO 159 Dealership Operations   | 2            |                 |              |
| AUTO 169 Supervised Occupational Experience (pre: consent of instructor) | 3            |                 |              |
| AUTO 242 Automatic Transmissions (pre: AUTO 113)                         | 3            |                 |              |
| AUTO 244 Alignment & Balance (pre: AUTO 134)                             | 2            |                 |              |
| AUTO 253 Manual Transmissions (pre: AUTO 113)                            | 4            |                 |              |
| AUTO 259 Special Problems (pre: consent of instructor)                   | 2            |                 |              |
| AUTO 269 Supervised Occupational Experience (pre: consent of instructor) | 3            |                 |              |

Gainful Employment:

For program costs, completion and graduate information see <http://dacc.edu/aac/cguides/2014-2015>.