

**CERTIFICATE PROGRAM**

**Danville Area Community College  
2010-2011**

## 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 Overhald	3		
AUTO 134 Steering & Suspension Systems	3		
AUTO 135 Braking Systems	4		
AUTO 147 Principles of AC	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		