

CERTIFICATE PROGRAM

Danville Area Community College
2014-2015

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.

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

	HOURS	F,S,I,SU	GRADE
Technical Electives			
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		