**ACCELERATING OPPORTUNITY AUTOMOTIVE PATH**

**AO FUNDAMENTALS OF AUTOMOTIVE TECHNOLOGY CERTIFICATE (12 credit hours)**

\*INST 101:    Success in College          (1 credit hour)

AUTO 135:  Braking Systems              (4 credit hours)

AUTO 134:  Steering & Suspension Systems      (3 credit hours)

AUTO 147:  Principles of Air Conditioning      (4 credit hours)

\*Students are required to successfully pass Success in College for any college degree/it is a graduation requirement.

**TOTAL AO COLLEGE CREDITS = 12 credit hours**

**TOTAL CERTIFICATES =   (\*\*3 NR, 6 LR);**

**S&S sys -Steering and Suspension Systems**

**Eng.Tech. – Introduction to Engine Systems**

**Braking Sys. – Braking Systems**

**Eng. Elec. Sys. – Engine Electrical Systems**

**Auto Shop Safety – Automotive Shop Safety Certificate**

**Air Cond – Principles of Air Conditioning Certificate**

**\*\*MVAC – Motor Vehicle Air Conditioning Certificate**

**\*\*Fundamentals of Automotive Technology Certificate DACC**

**\*\*GED – General Equivalency Diploma**

**AO Automotive Repair Spring 2014**

January 6-15, 2014            **Success in College**

                        M,T,W,Th,F                 2:00-4:00

January 21-March 13, 2014        **Principles of Air Conditioning**

                        M,T,W,Th                 2:00-4:00

March 17-May 1, 2014        **Steering & Suspension**

                        M,T,W,Th                2:00-4:00

January 21, 2014 begins            **Support Base Class**

                        Tuesday and Thursday        1:00-2:00

Step 1 = Get the GED certificate simultaneously with Fundamentals of Automotive Technology certificate.

Step 2 = Meet the admissions criteria for Automotive Technology AAS degree program and have four classes completed in the path.

**Danville Area Community College   2013-2014**

**Automotive Technology   Program of Study AAS Degree**

This program is designed for the student who aspires to work as a technician in a new car dealership or other

advanced service facility. The complete set of courses provides the student with skills and abilities in all facets of

automobile and light truck repairs in addition to general education skills necessary to excel in today's workforce. This is

an occupational program typically not designed to transfer; however, this program has been articulated to some senior

institutions. Please contact a counselor for specific details.  ***First time degree seeking students must complete INST101, Success in College, as a requirement for graduation.***

**REQUIRED COURSES HOURS F,S,I,SU GRADE**

**First Semester**

AUTO 106 Engine Electrical Systems 5

AUTO 111 Intro to Engine Technology 3

AUTO 113 Drive Train Systems 4

ENGL 101 Rhetoric *or* ENGL 121 Communications Skills 3

Total 15

**Second Semester**

AUTO 121 Engine Overhaul 3

AUTO 128 Fuel Systems & Emission Controls 5

AUTO 228 Diagnostic Engine Testing (pre: AUTO 106) 5

MATT 132 Elementary Technical Math 4

Total 17

**Third Semester**

AUTO 134 Steering & Suspension Systems 3

AUTO 135 Braking Systems 4

AUTO 236 Automotive Computer Controls (pre: AUTO 228) 4

Technical Elective 3

Communications Elective 3

Total 17

**Fourth Semester**

AUTO 147 Principles of Air Conditioning 4

AUTO 244 Alignment & Balance (pre: AUTO 134) 2

INFO 245 Employment Seminar 1

Humanities Elective 3

Social Science Elective 3

Total 13