



**ASSOCIATE OF APPLIED SCIENCE,
AUTOMOTIVE SERVICE TECHNOLOGY
2007-2008**

This Associate of Applied Science degree is NATEF certified and taught by ASE certified instructors. The program is designed to prepare students for employment in the automotive industry as repair technicians and will help students prepare for the ASE certification examinations.

The automotive training program at ACC is organized into three "Tracks":

- 1) GM Automotive Service Education Program (ASEP)
- 2) DaimlerChrysler College Apprenticeship Program (CAP)
- 3) Automotive Service Technology Program (ATEC)

The corporate sponsored dealership apprenticeship programs (CAP & ASEP) are manufacture specific and are degree programs only. In-coming freshman classes for these programs begin only in the fall semester. These two tracks require that the student obtain and maintain an apprenticeship position at a GM or DaimlerChrysler dealership for the duration of the program. Additionally, these students will be taking courses and their sponsoring dealerships will be receiving training credit for that student upon his or her graduation with the A.A.S. degree.

The general ATEC program can be either the certificate or degree; and neither requires the student to obtain an industry apprenticeship. However, an apprenticeship is highly encouraged as it strengthens the connection between material learned in school and its application in the real world.

All of these tracks have limited seats available.

Please see your academic advisor for additional information on this program.

Major Courses – 60 credit hours

	ASE 102 Introduction to the Automotive Shop	2
	ASE 110 Brakes I	3
	ASE 210 Brakes II	3
	ASE 120 Basic Automotive Electricity	2
	ASE 123 Battery, Starting and Charging Systems	2
	ASE 220 Specialized Electronics Training	2
	ASE 221 Body Electrical	4
	ASE 130 General Engine Diagnosis	2
	ASE 132 Ignition System Diagnosis and Repair	2
	ASE 134 Automotive Emissions	2
	ASE 231 Automotive Computers	2
	ASE 233 Fuel Injection and Exhaust Systems	4
	ASE 235 Driveability Diagnosis	1
	ASE 140 Suspension and Steering I	3
	ASE 240 Suspension and Steering II	3
	ASE 250 Automatic Transmission/Transaxle Service	1
	ASE 251 Automatic Transmission/Transaxle Diagnosis	5
	ASE 160 Automatic Engine Removal and Installation	1
	ASE 161 Engine Disassembly, Diagnosis, Assembly	5
	ASE 265 Heating and Air Conditioning	5
	ASE 150 U-Joint and Axle Shaft Service	2
	ASE 151 Manual Transmission/Trans and Clutches	2
	ASE 152 Differentials and 4WD/AWD Service	2

General Education Courses – 17 credit hours

	Eng 131 Technical Writing	3
	CIS 118 Introduction to PC Applications	3
	MAT 108 Technical Mathematics (or higher algebra-based)	4
	PHY 105 Conceptual Physics (or higher algebra-based)	4
	SPE 125 Interpersonal Communications	2

Please see Jerry Viola, Department Chair, with any questions concerning this program; 303.797.5992 or Jerry.Viola@arapahoe.edu .

ASSESSMENT REQUIREMENTS:

Basic Skills courses may be required based on assessment scores. It is the student's responsibility to take these course requirements within the first 30 credits at ACC. Basic Skills courses are also available at other area community colleges.

Tested Out/ Completed	Semester	ACT/ SAT Last 2 yrs	Accuplacer	Course	Credits
Sentence Skills					
			25-49	See Developmental Studies Advisor	
			50-69	ENG060	3
			70-94	ENG090	3
		18/440	95-120	ENG 121	3
Reading					
			25-39	See Developmental Studies Advisor	
			40-61	REA060	3
			62-79	REA090	3
		17/430	80-120	REA 112	3
Mathematics					
		Arithmetic	24-56	MAT030	2
		Arithmetic	57-120	MAT060	3
		Elem. Alg.	45-60	MAT090	4
		Elem. Alg.	61-84	MAT106/111	5
		19/460	85-120	MAT 120,121,123,135/179	4
Study Skills/Orientation					
	Academic Achievement Strategies			AAA090	3
	College Orientation			AAA101	1
	Advanced Academic Achievement			AAA 109	3

EXEMPTIONS TO ASSESSMENT TESTING:

1. Have successfully completed a college-level mathematics and college-level English course with a grade of C or better. You must provide a transcript.
2. Have achieved the minimum ACT/SAT scores shown above within the last 2 years and provide documentation.
3. Have successfully completed necessary remedial course(s), if required with a "C" or better.
4. Have earned an Associate's degree or higher. You must provide documentation.
5. Some degree programs do not allow a waiver for the CPT.

IMPORTANT TELEPHONE NUMBERS:

Admission and Records	admissions@arapahoe.edu	M2470	303.797.5621
Advising and Counseling Center	advising@arapahoe.edu	M 2010	303.797.5664
Bookstore	0249mgr@fhcg.follett.com	M1200	303.797.5676
Campus Police	campuspolice@arapahoe.edu	M2600	303.797.5800
Career Center	careers@arapahoe.edu	M2025	303.797.5805
Cashier		M2300	303-797-5638
Child Development Center		N1000	303.797.5678
Disability Services	heather.lawler@arapahoe.edu	M2710	303.797.5937 v/tty
Financial Aid		M2115	303.797.5661
	• Apply online at www.FAFSA.ed.gov		
Information Central	info-central@arapahoe.edu	M2800	303-797-4222
Library	library@arapahoe.edu	M2500	303.797.5090
Math Lab	math@arapahoe.edu	M3610	303.797.5877
	• Students must register for MAT 101 Enhanced Mathematics Lab		
Open Computer Lab		M1650	303.797.5907
Student Affairs	heather.lawler@arapahoe.edu	M2820	303.797.5668
Testing Center		M2280	303.797.5993
Tutorial Services	debra.goldberg@arapahoe.edu	M2710	303.797.5937 v/tty
Writing Center		M2855	303.797.5830

Location Abbreviations:

A – Annex	AD – Art and Design Center
CSB – Church Street Building	M – Main Building
UCC – University Center @ Chaparral (15653 Brookstone Dr, Parker)	N – North Building

TRANSFER INFORMATION:

1. It is important that you consult an advisor and the transfer institution when choosing courses, as certain majors have particular degree prerequisites and general education course requirements that need to be taken within the Associate degree program.
2. Students who complete a 60 credit hour A.A./A.S. degree with appropriate course requirements and grades of C or better may be able to complete a Baccalaureate degree in 60 additional credits after transferring to a 4-year public institution.
3. Consult your ACC Advisor about Colorado's 60 + 60 plans.
4. ACC has articulation agreements with several four-year institutions; visit the ACC Transfer Center of the website (www.arapahoe.edu) for more information.

SUGGESTIONS FOR SUCCESS

1. Obtain and read a copy of the ACC catalog.
2. Attend a New Student Orientation session.
3. Maintain current contact information on file and read all correspondence from ACC.
4. Take your CPT or be exempted (see above) before meeting with an academic advisor.
5. Take English, Speech and Math classes early in your program.
6. See your advisor about balancing your workload with credit load.
7. If you want to graduate in two years, take a minimum of fifteen college-level credits per fall/spring semester or twelve credits Fall/Spring and six credits Summer.
8. Transfer and financial aid students should consult an advisor before registering.

GRADUATION INFORMATION

1. No catalog more than six years old may be used for graduation requirements; the 2007/2008 catalog may not be used beyond the Spring 2013 semester.
2. **You must apply for graduation; obtain the application online at www.arapahoe.edu (Student Services) and apply by: April 1 (summer graduation), July 1 (fall graduation) and November 1 (spring graduation).**

For more information log on to www.arapahoe.edu.

Last Updated 06.21.2007