



MOPAR-CHRYSLER/DODGE/ RAM/JEEP COLLEGE AUTOMOTIVE PROGRAM

Associate of
Applied Science
Degree

MILFORD CAMPUS

www.southeast.edu/GoCAP



Are you looking to grow as an automotive technician? Become part of a joint program between SCC and Fiat Chrysler Automobiles. Secure a sponsoring dealer and get started on a rewarding career.



FIAT CHRYSLER AUTOMOBILES

Program Overview:

This program takes seven quarters to complete. Students are on campus studying electronics, engine repair, transmission repair, suspension system, brakes, drivability, and heating and air conditioning in Quarters 1, 3, 5, and 7.

During Quarters 2, 4 and 6, students are at the dealership as part of a Cooperative, gaining experience working with a mentor master technician in the subjects they studied the previous quarter when they were on campus.

This earn-while-you-learn approach to mastering the different automotive systems has proven to be beneficial to both the students and dealers.

MCAP students will complete a high level of Chrysler certified factory training. SCC teaches all Level I through Level II courses. It may take someone outside of the MCAP program six to eight years to complete the same level of training when working at the dealership and attending classes one at a time in the training center.



This SCC program is
Affiliated with ASE. Master
Accreditation by NATEF.



Graduate Earnings

Recent graduates report an average starting wage of \$15.60 per hour.

For more information contact:

Rick Morphew, Program Chair
402-761-8317, 800-933-7223 ext. 8317
rmorphew@southeast.edu

Todd Morrill, Instructor
402-761-8426, 800-933-7223 ext. 8426
tmorrill@southeast.edu

or the College Admissions Office
Milford 402-761-8243, 800-933-7223 ext. 8243

Equal Opportunity/NonDiscrimination Policy - It is the policy of Southeast Community College to provide equal opportunity and nondiscrimination in all admission, attendance, and employment matters to all persons without regard to race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Inquiries concerning the application of Southeast Community College's policies on equal opportunity and nondiscrimination should be directed to the Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, or jsoto@southeast.edu. This publication should not be considered a contract between SCC and any prospective student. SCC's Board of Governors reserves the right to make changes in this publication during the life of the publication and without notice. A0737a - MOPAR (06/17)



Estimated Expenses		THIRD QUARTER	
To determine overall costs, students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.		Tuition And Fees	\$1,587
Nebraska Resident tuition rate is \$65.50 per credit hour. Out-of-state tuition rate is \$79.50 per credit hour.		Books	200
Student fee is \$2 per credit hour. Graduation fee is \$25.		Total	\$1,787
Housing is available at Beatrice and Milford campuses only. Quarterly tuition, books and fees are dependent upon classes taken.		FOURTH QUARTER	
		Tuition And Fees	\$812
		COOP Quarter	
		Total	\$812
		FIFTH QUARTER	
		Tuition And Fees	\$1,384
		Books	200
		Total	\$1,584
		SIXTH QUARTER	
		Tuition And Fees	\$812
		COOP Quarter	
		Total	\$812
		SEVENTH QUARTER	
		Tuition And Fees	\$1,958
		Books	300
		Educational Trip	450
		Total	\$2,708
		Total Estimate For Program	\$14,918
FIRST QUARTER			
Tuition And Fees	\$1,350		
Books	365		
Tools	4,600		
Supplies	90		
Total	\$6,405		
SECOND QUARTER			
Tuition And Fees	\$810		
COOP Quarter			
Total	\$810		

MOPAR-Chrysler/Dodge/RAM/Jeep College Automotive Program AAS Degree Courses:

Course offerings and prerequisites will be determined by the program. A grade of "C" or higher in all CAP classes is required to progress through the program.

Course #	Course title	Credit hrs
CAPP1110	Chrysler Shop Orientation	1.0
CAPP1170	Chrysler Shop Safety and Repair	1.0
CAPP1173	FCA Fundamentals	1.5
CAPP1175	FCA Electrical & Electronic Principles	9.0
CAPP1177	FCA Brake System	3.0
CAPP1360	FCA Electronic Fuel Systems	6.0
CAPP1362	FCA Body Electrical and Electronics	5.0
CAPP1364	FCA Advanced Drivability Diagnosis	6.5
CAPP1901	Dealer Cooperative Experience	10.0
CAPP1902	Dealer Cooperative Experience	10.0
CAPP1911	WEB Based Training I	2.0
CAPP1912	WEB Based Training II	2.0
CAPP2528	Chrysler Steering & Suspension Systems	4.5
CAPP2530	FCA HVAC Systems	4.5
CAPP2531	FCA Engine Repair	7.0
CAPP2740	Chrysler Manual Transmission, Transaxles, Clutch and Transfer Case	7.0
CAPP2741	Chrysler Rear Axle Service	2.0
CAPP2742	Chrysler Diesel Fuel and Emission System	2.0
CAPP2748	Chrysler Automatic Transmissions & Transaxles	8.0
CAPP2749	Chrysler New Product Update	1.0
CAPP2901	Dealer Cooperative Experience	10.0
CAPP2911	WEB Based Training III	2.0
WELD1181	Automotive, ASEP, ASSET, & CAP Welding (M)	1.5
		106.5 hours

General Education Requirements:

Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements. See the General Education pages for a complete list.

(One class from each area below).	
Oral Communications	4.5
Written Communications	4.5
Science	6.0
PHYS1150	Descriptive Physics
(Two classes from the four areas below; no two classes from the same area).	
Mathematics, Social Science, Humanities, and/or Computer Technology	9.0
24.0 hours	

Basic Tools for CAP Program

>Tools needed the first week of school. (Meet with instructor first.)

* May be purchased at the Campus Book or Parts Store.

1/4" DRIVE SET

- 1-Breaker Bar
- 3-Extensions 2" - 4" - 6"
- 1-Drive Handle
- 1-Ratchet
- 1-Socket Set-3/8" - 9/16" (6 point short)
- 1-Socket Set-3/8" - 9/16" (6 point deep)
- 1-Socket Set-4mm - 13mm (6 point short)
- 1-Socket Set-4mm - 13mm (6 point deep)
- 1-Universal Joint

3/8" DRIVE SET

- 1-Adapters-3/8"-1/2" & 3/8"-1/4"
- 3-Extensions 3" - 6" - 12"
- 1-Ratchet, Standard
- 1-Ratchet, Long - Flexhead
- 1-Socket Set-1/4" thru 7/8" (6 point short)
- 1-Socket Set-1/4" thru 7/8" (6 point deep)
- 1-Socket Set-8mm thru 19mm (6 point short)
- 1-Socket Set-8mm thru 19mm (6 point deep)
- 2-Socket Set Spark Plug (5/8" & 13/16")
- 1-Speed Handle
- 1-Universal Joint

WRENCHES

- 1-Wrench Set - Combination, (12 point - 1/4 thru 1" standard length)
- 1-Wrench Set - Combination, (12 point - 6mm thru 22mm standard length)
- 3-Wrench Set Flare nut (6 point 3/8"-7/16" - 1/2" - 5/8"-11/16")
- 4-Wrench Set Flare nut (6 point 3/8"-9mm-10mm & 11mm-12mm & 13mm-14mm & 15mm-17mm)

PLIERS

- 1-Pliers - 6" combination
- 1-Pliers - 7" diagonal cutter
- 1-Pliers - 6" needle nose
- 1-Pliers - Electrician's terminal
- 1-Pliers - 10" vise grip
- 1-Pliers - Snap Ring, small True Arc - .030" to .045" tips (inside & outside)
- 1-Pliers - Snap Ring, small True Arc - .060" to .080" tips (inside & outside)

HAMMERS

- 2-Hammer - ball peen (16oz & 32oz)
- 1-Hammer - Dead Blow (16oz)

PUNCH & CHISEL

- 3-Chisel - (3/8", 1/2", & 5/8")
- 3-Punch - (3/32", 5/32", & 1/4")
- 1-Punch - Center

FILES

- 3-file - (6" 3-square, 8" round, & 10" flat mill)
- 3-file Handles
- 1-file Card

SCREWDRIVER SET

- 1-Screwdriver Set - flat blade (1/4"x3", 3/16"x6", 1/4"x 8", 5/16"x10", 3/8"x13")
- 1-Screwdriver Set - Phillips (#1x6", #2x3", #2x8", #3x10", #4x11")

ELECTRICAL

- 1-Test Light - 12Volt
- >1-Digital Multimeter - (10 megohm input impedance, w/voltage drop diode test & ma scale A/C-D/C) similar to (Fluke 88)
- 1-Battery terminal Cleaner

MISCELLANEOUS TOOLS

- >1-Awl - 8"
- 1-Gasket Scraper - 1 1/2" wide 8" long
- 1-Gauge - Feeler gauge set .0015 - .025
- 1-Gauge - Spark Plug (wire) .025 - .080
- 2-Gauge - thread pitch (us & metric)
- >1-Hacksaw - with 12" blade
- 1-Pick Set - (straight, 90, 45, bent tip, & hook)
- 1-Wire Brush
- >1-Steel Ruler 6"
- 1-Vacuum Pump - hand operated
- 1-Tool Box - Roll-a-way Max 42" long
- 1-Hex (Allen) Wrench set 4 mm thru 12mm
- 1-Hex (Allen) Wrench set .050" thru 3/8"
- 1-Pliers Battery angle Nose
- 1-Screwdriver Set Torx T10 thru T55
- 1-Thermometer A/C
- 1-Brake Spring Pliers
- 2-Brake Shoe Retaining Spring Tool (large & Small)
- 1-Brake Adjusting Spoon
- 1-Brake Bleeder Wrench combo (5/16" & 3/8")
- 1-Dial Caliper
- 1-Trim Pad Remover (Chrysler)
- 1-Pry Bar set (4-6)
- 2-Punch Starting (1/8" & 3/8")
- 2-Wrench - cup, oil filter Chrysler large & small)
- 1-Serpentine belt remover & installer tool (Chrysler)
- 1-1/2" drive Air Impact
- 1-Torque Wrench 1/2" drive 50-250 lb/ft (click type)
- 1-Torque Wrench 3/8" drive (dial type 0 to 300 in/lb)
- >* 1-Pair Welding Gloves
- >* 1-Scientific Calculator
- >* 1-Glasses - Safety - clear - (must meet Z87 specs.)

1/2" DRIVE SET

- 1-Ratchet
- 1-Socket Set 13mm thru 21mm
- 2-Extensions 6" & 12"
- 1-Breaker Bar

OPTIONAL TOOLS

- 1-Set Impact deep sockets 1/2" drive 6 point (10mm thru 27mm)
- 1-Air Nozzle - (rubber tip)
- 1-Tape Measure 12'
- 1-Set Fender Covers
- 1-Impact drive set - 3/8" drive
- 1-Stethoscope - Mechanic's
- 1-Mirror Inspection
- 1-Impact Deep Sockets (1/2" Drive 3/8" through 3/4")
- 1-3/8" drive Air or Battery Impact
- 1-3/8" drive Air or Battery Ratchet
- 1-1/4" drive Air or Battery Ratchet
- 1-Radiator Hose Tool
- 1-Soldering Gun Kit
- 1-Air Hammer Set



Students are required to provide or purchase a basic tool set during the first quarter. Students are required to wear program uniforms while in classroom or laboratory settings.