

Shoreline

COMMUNITY COLLEGE



2009-2010 Career Planning Guide Chrysler College Automotive Program(CAP) (AAAS)

Shoreline Community College

16101 Greenwood Avenue North
Shoreline, Washington 98133
Length of Program: 170-175 Credits, 8 quarters

Completion Award: A.A.A.S. Degree

Program Advisors:

Ken Campbell 206 546-5844 Room 2154
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<http://www.shoreline.edu/auto>

Approximate Quarterly Costs

Check quarterly class schedule for Tuition Table	
Parking Fee Per Quarter	\$15
Tools and Equipment	\$3000
Uniform Fee	\$50
Additional Instructional Fees	\$25-\$85
Book costs vary widely. Most full-time students will spend an average of \$200 per quarter for books.	

Enrollment: Fall, Winter, or Summer

PROGRAM DESCRIPTION

Shoreline Community College offers an Associate degree in Applied Arts and Science for students who are interested in entering the automotive service industry. The Chrysler College Automotive Program (CAP) provides students with the fundamental skills to succeed in the workplace along with valuable hands-on experience. Students alternate quarters between classroom instruction and paid dealership training. As students progress through the curriculum, they learn about the major automobile components and systems, including brakes, suspension, emissions, transmissions, electrical systems, heating and air conditioning, power trains and engine management systems. Students develop skills in automotive diagnostics, tune-ups and repairs. Students will also develop an understanding of automotive service business principles as they apply to the service technician. In their internship placement, students work under the guidance of a master technician at a sponsoring Chrysler/Dodge/Jeep Dealership. These paid internships give students the opportunity to integrate their learning and further develop their skills in service technology.

PROGRAM OUTCOMES

Students who successfully complete this program should be able to:

1. Apply fundamentals of automotive service training, including the basics of automotive diagnostics and repair, pre-delivery inspection and warranty repair procedures.
2. Identify, inspect, disassemble and assemble basic components of automotive power plants.
3. Apply knowledge of the function, construction, operation troubleshooting and servicing of disc, drum and ABS brake systems, steering, suspension and wheel alignment.
4. Use electronic engine analyzers and scanners to test and tune ignition, fuel injection and emission systems.
5. Apply understanding of electrical principles, semi-conductors, microprocessors and wiring diagrams to diagnose and repair malfunctions of automotive electrical systems.
6. Apply knowledge of the function, construction, operation, troubleshooting and service of front and rear wheel drive manual and automatic transmissions and transaxles.
7. Test, service and repair heating and air-conditioning systems.

CAREER OPPORTUNITIES

The placement rate for this program is 100%. Upon completion, graduates are hired by their sponsoring dealership. The demand for dealer trained technicians should remain strong over the next decade.

POTENTIAL POSITIONS

Chrysler/Dodge/Jeep Service Technician. With additional experience many technicians can become a Parts or Service Manager, some may seek positions in sales, management or open their own related business. Entry level salaries range from \$20,000 to \$24,000 depending on location and the individual's production abilities. For employment outlook, see the U.S. Dept. of Labor Occupational Outlook Handbook at <http://www.bls.gov/OCO/>.

CHRYSLER COLLEGE AUTOMOTIVE PROGRAM (CAP)

Shoreline Community College: A.A.A.S. Degree

PROGRAM PREREQUISITES

Minimum COMPASS Test Scores for Pre-algebra (35-54), Writing (79-100), Reading (85-100) or ESL test or ESL test placement in ENGL& 101

Sponsorship in a Chrysler/Dodge/Jeep Dealership

Automotive Skills Test

Valid Drivers License

Proof of Insurability

Some dealers require drug testing

Instructor Interview

Courses marked with an * are the General Education/Related Instruction requirements for this program.

PROGRAM REQUIREMENTS

FRESHMAN YEAR

<u>Winter Quarter</u>		<u>Cr.</u>	<u>Gr.</u>
AUTOT 160	Fund of Auto Serv Traing	9	___
AUTOT 163	Brakes & Suspension	9	___
___	___* Multicultural Issues: See Approved List	3-5	___

<u>Spring Quarter</u>		<u>Cr.</u>	<u>Gr.</u>
AUTOT 291	Coop Dealer Exper I	20	___

<u>Summer Quarter</u>		<u>Cr.</u>	<u>Gr.</u>
AUTOT 161	Engine Repair	9	___
AUTOT 165	Engine Mgmt/Emission Sys	9	___
BUSTC 215*	Prof Communications	5	___

<u>Fall Quarter</u>	<u>Cr.</u>	<u>Gr.</u>
AUTOT 292		
Coop Dealer Exper II	20	___
PE 284*	First Aid and Safety	3

SOPHOMORE YEAR

<u>Winter Quarter</u>		<u>Cr.</u>	<u>Gr.</u>
AUTOT 164	Manu Gear Trains/Transax	9	___
AUTOT 167	Auto Trans/Transaxles	9	___
BUS 102*	Business Mathematics		
	<u>or</u>		
MATH 099*	Intermediate Algebra	5	___

<u>Spring Quarter</u>		<u>Cr.</u>	<u>Gr.</u>
AUTOT 293	Coop Dealer Exper III	20	___

<u>Summer Quarter</u>		<u>Cr.</u>	<u>Gr.</u>
AUTOT 166	Electrical Systems	9	___
AUTOT 168	Heating and Air Con	9	___
BUS 105*	Essentials of Human Rela	2	___

<u>Fall Quarter</u>		<u>Cr.</u>	<u>Gr.</u>
AUTOT 294	Coop Dealer Exp IV	20	___

Total Credits Required 170-175

COMMENTS: _____

Every effort has been made to ensure the accuracy of the information in this publication. However, the information is subject to change without notice, and final career decisions are the responsibility of the reader.

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1-25-10

STUDENT NAME	
STUDENT I.D.	
APPROVAL TO GRADUATE	
ADVISOR APPROVAL	DATE
DIVISION DEAN APPROVAL	DATE
CREDENTIALS APPROVAL	DATE