

**Department Requirements**  
**(Total Department Units: 43.2)**

<i>2011-12 Course No.</i>	<i>Previous Course No.</i>	<i>Title</i>	<i>Units</i>	<i>Institution &amp; Course No.</i>	<i>Grade</i>	<i>Units (s/q)</i>	<i>Term</i>
• AUTO 101.....	(1) .....	Introduction to Auto Mechanics .....	3.0	_____	_____	_____	_____
• AUTO 110.....	(10) .....	Fundamentals of Auto Servicing .....	3.0	_____	_____	_____	_____
• AUTO 111.....	(11) .....	Engine Rebuilding .....	7.0	_____	_____	_____	_____
• AUTO 112.....	(12) .....	Brakes, Suspension, and Steering .....	4.6	_____	_____	_____	_____
• AUTO 113.....	(13) .....	Auto. Fuel & Air Conditioning Systems ...	4.6	_____	_____	_____	_____
• AUTO 114.....	(14) .....	Automotive Power Train .....	7.0	_____	_____	_____	_____
• AUTO 115.....	(15) .....	Automotive Electricity.....	7.0	_____	_____	_____	_____
• AUTO 116.....	(16) .....	Engine Performance.....	7.0	_____	_____	_____	_____

Recommended Electives:

• AUTO 102.....	(31) .....	Basic Car Care, Maintenance & Repair ....	3.0	_____	_____	_____	_____
• AUTO 205.....	(none) .....	OBD2/Basic Clean Air Car Course.....	1.2	_____	_____	_____	_____
• AUTO 207.....	(none) .....	Smog Check Technician Update .....	1.0	_____	_____	_____	_____
• AUTO 217.....	(17) .....	Automotive Specialty I.....	2.0	_____	_____	_____	_____
• AUTO 218.....	(18) .....	Automotive Specialty II.....	3.0	_____	_____	_____	_____
• AUTO 219.....	(117) .....	Advanced Automotive Electronics <b>OR</b> .....	4.0	_____	_____	_____	_____
• CNEE 219 .....	(117) .....	Advanced Automotive Electronics.....	4.0	_____	_____	_____	_____
• AUTO 220.....	(22) .....	Emiss Contr/Basic Clean Air Car Course .	3.0	_____	_____	_____	_____
• AUTO 290.....	(61ABCD).....	Work Experience .....	2-4	_____	_____	_____	_____

Note: AUTO 113 and 114 are only offered in the fall semester. AUTO 112 and 115 are only offered in the spring semester.

**Certificate of Achievement Requirements:** Complete all department requirements with a “C” or better in each course. Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC. Pass/no Pass grading is not permitted in those courses needed to fulfill department requirements.

**Additional Program Information**

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or David Brainerd, Department Co-Chair, Ext. 2220, or Bob Stockero, Department Co-Chair, 965-0581, Ext. 2836. Check your degree progress with DARS U-Achieve at [www.sbcc.edu/DARS](http://www.sbcc.edu/DARS).

## Programs of Study (In alphabetical order)

Accounting (AS)  
 Accounting/Assistant Bookkeeper I-IV [I-III (D); IV (C)]  
 Accounting Information Systems I-III (SCA)  
 Acute Care CNA (SCA)  
 Administration of Justice (AA/AS/C) – 3 emph. available for AS & C, 1 for AA  
 Advanced Studies in Alcohol and Drug Counseling (SCA)  
 Alcohol and Drug Counseling (AA/C)  
 Animation (AA/C)  
 Anthropology (AA)  
 Applied Photography (AA/C)  
 Art (AA) - 2 emphases available  
 Associate Child Care Teacher (C)  
 Automotive Services & Technology (AS/C)

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Baking and Pastry (SCA)  
 Biological Sciences (AA)  
 Bio-Medical Sciences (D)  
 Black Studies (AA)  
 Bookkeeping (SCA)  
 Business Admin. (AA/C/SCA) – 3 emphases available for AA, 2 for C, 2 for SCA  
 Business Communications (SCA)

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Cancer Information Management (AS/C)  
 Certified Nursing Assistant (SCA)  
 Chemistry (AA)  
 Chicano Studies (AA)  
 Cisco Networking Associate (SCA)  
 Cisco Networking Professional (SCA)  
 Commercial Diving (SCA)  
 Commercial Music (C)  
 Communication (AA) - 2 emphases available  
 Computer App. & Office Managem. (AS/C) - 2 emphases available  
 Computer Information Systems (AS) – Emph. in System Administration available  
 Computer Network Engineering (AS/C)  
 Computer Networking Technology (SCA)  
 Computer Proficiency Online (SCA)  
 Computer Science (AS/C)  
 Cosmetology (AS/C)  
 Creative Writing (C) – 2 emphases available  
 Culinary Arts (AS/C)

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Database Programming and Applications Development (C)  
 Diagnostic Medical Sonography (C)  
 Digital Darkroom and Color Management for RGB (SCA)  
 Diversity Issues in ECE (C)  
 Drafting/CAD (AS/C)

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Early Childhood Education (AS/C)  
 Economics (AA)  
 Emergency Medical Technician/Basic (SCA)  
 Engineering (AA/AS)  
 English (AA)  
 Entrepreneurship (SCA) – 3 emphases available  
 Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C  
 Environmental Studies (AA)  
 Esthetician (SCA) – 2 levels available  
 Ethnic Studies (AA)

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Film Production (AA)  
 Film Studies (AA)  
 Finance (AA/C)  
 French (AA)

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Game Design (D)  
 Geography (AA)  
 Geological Sciences (AA)  
 Global Studies (AA)  
 Graphic Design & Photography – Graphic Design Concentration (AA/C)  
 Graphic Design (C)  
 Great Books Curriculum (D)

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Health Care IT Workforce Training (SCA)  
 Health Information Technology (AS)  
 Help Desk and Desktop Support (SCA) – 2 levels available

History (AA)  
 Home Health Aide (SCA)  
 Honors (C/C with highest honors) – 2 emphases available  
 Hospitality (AS/C)  
 Hospitality Operations Specialist (SCA)  
 Human Resource Hospitality Specialist (SCA)

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Infant/Toddler Development (C)  
 Information Technology Management (SCA)  
 Interior Design (AA/C)  
 International Business (AA/C)  
 International Marketing Communication (SCA)  
 Introduction to Teaching English as a Foreign Language (SCA)

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Journalism (AA/C) – 3 emphases available

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Landscape Operations (SCA)  
 Law & Society (AA) - Emphasis in Criminal Justice available  
 Liberal Arts & Sciences (AA) – 4 emphasis available  
 Liberal Studies (AA) – Emphasis in Education

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Manicure (SCA)  
 Marine Diving Technician (AS/C)  
 Marine Science (D)  
 Marketing (AA/C)  
 Mathematics (AA)  
 Media Arts (AA/C)  
 Media Design and Development (SCA)  
 Medical Coding Specialist (C)  
 Microsoft Office Development (SCA)  
 Microsoft SQL Server Database Administration (SCA)  
 Microsoft Windows System Administration and Security (SCA)  
 Middle East Studies (AA)  
 Mobile Application Developer (SCA)  
 Mobile Device Administration (SCA)  
 Mobile Media Core (SCA)  
 Music (AA/D)

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Native American Studies (AA)  
 Natural History (AA/D)  
 Nursing - ADN (AS)

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Office Assistant (SCA)

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PC Support/Network Management (C)  
 Personal Chef Training (SCA)  
 Philosophy (AA)  
 Photo Design (SCA) – 3 awards available  
 Physical Education (AA) - 3 emphases available  
 Physics (AA/AS)  
 Political Science (AA)  
 Post-Professional Practice in ADC (C)  
 Print and Color Management for CMYK (SCA)  
 Psychology (AA)

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Radiography (AS)  
 Real Estate (AS/C)

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Sales and Marketing (SCA)  
 School-Age Care (C)  
 Sociology (AA)  
 Spanish (AA)  
 Sustainable Horticulture (SCA)

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Technical Writing (SCA)  
 Theatre Arts (AA) - 3 emphases available and 1 department award  
 Transfer – CSU General Education Breadth Pattern (C)  
 Transfer – IGETC (C)

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Virtualization System Administration (SCA)  
 Vocational Nursing (AS/C)

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Water Science (C) - 4 options available  
 Web Journalism (SCA)  
 Web Marketing and Media Design (SCA)  
 Web Programming (SCA)  
 Web Server Administration (SCA)



Santa Barbara City College

# Automotive Service and Technology

2011-12

## Certificate of Achievement in Automotive Services and Technology

Our ten-month certificate program is similar to those offered at private trade schools. Students who desire to finish their schooling in that period of time will enroll in automotive courses only. A student program schedule will be from 8 to 12 a.m. daily and from 12:30 to 4:10 p.m. on Tuesdays and Thursdays. Students who have never had a high school level introductory Automotive class will need to enroll additionally in two introductory Automotive sections.

The program is certified by the National Institute for Automotive Service Excellence in all eight certification areas. Graduates will have learned sufficient basic material to be able to enter and progress in the field of Automotive repair. Part-time jobs are encouraged and many students will choose to enhance their school learning by working in an Automotive repair shop after school hours.

## Careers in Automotive Services

The certificate program is designed for those desiring a career in the field of Automotive repair. The graduate can prepare to work as a technician, service writer, service manager, car salesperson, auto parts person, or service technician. Certificate completers often return to SBCC at night after employment to complete an Associate Degree.

***SBCC: Your Open Door to Educational Excellence***

Key: (AA)=Associate in Arts; (AS)=Associate in Science; (C)=Certificate of Achievement; (D)=Department Award; (SCA)= Skills Competency Award