

## Skills Competency Award Requirements

Students must complete all courses with a grade of C or higher or Pass. Candidates for a Skills Competency Award are required to complete at least 20% of the department requirements through SBCC.

### Total Units Required: 16-16.5

<i>Current 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>
• CIS 230.....	(none).....	Active Serv Pages Using Visual Basic <b>OR</b> .....	4.0	_____			
CS 125.....	(COMSC 125).....	C# Programming <b>AND</b> .....	3.0	_____			
CS 127.....	(COMSC 127).....	ASP.net Using C#.....	1.5	_____			
• CS 111.....	(COMSC 111).....	HTML & Webmastering.....	3.0	_____			
• CS 115.....	(COMSC 115).....	JavaScript and Dynamic HTML.....	3.0	_____			
• CS 116.....	(COMSC 116).....	Web Server Programming.....	3.0	_____			
• CS 120.....	(COMSC 120).....	Java Programming.....	3.0	_____			

### Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Dean Nevins, Department Chair, 965-0581, Ext. 2791.

**Associate Degrees and Certificates of Achievement (In alphabetical order) - For a complete list of programs of study (associate degrees, certificates, skills competency awards and department awards) and requirements, go to [http://www.sbcc.edu/apply/degrees\\_certificates.php](http://www.sbcc.edu/apply/degrees_certificates.php).**

Accounting (AS)  
 Accounting/Assistant Bookkeeper IV (C)  
 Administration of Justice (AA/AS/C)-3 emph. avail (AS&C), 1(AA)  
 Administration of Justice for Transfer (AS-T)  
 Alcohol and Drug Counseling (AA/C)  
 American Sign Language (AA)  
 Animation and Gaming (AA/C)  
 Anthropology (AA)  
 Anthropology for Transfer (AA-T)  
 Applied Photography (AA/C)  
 Art (AA) - 2 emphases available  
 Art History for Transfer (AA-T)  
 Associate Child Care Teacher (C)  
 Automotive Services & Technology (AS/C)

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Biological Sciences (AA)  
 Black Studies (AA)  
 Business Administration (AA/C) – 3 emphases available for AA, 2 for C  
 Business Administration for Transfer (AS-T)

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Cancer Information Management (AS/C)  
 Chemistry (AA)  
 Chicano Studies (AA)  
 Commercial Music (C)  
 Communication (AA) - 2 emphases available  
 Communication Studies for Transfer (AA-T)  
 Computer App. & Office Mgmt (AS/C) - 2 emphases available  
 Computer Information Systems (AS) – Emph. in System Admin. available  
 Computer Network Engineering (AS/C)  
 Computer Science (AS/C)  
 Construction Technology (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)  
 Diversity Issues in ECE (C)  
 Drafting/CAD (AS/C)

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Early Childhood Education (AS/C)  
 Early Childhood Education for Transfer (AS-T)  
 Economics (AA)  
 Economics for Transfer (AA-T)  
 Elementary Teacher Education (AA-T)  
 Engineering (AA/AS)  
 English (AA)  
 English for Transfer (AA-T)  
 Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C  
 Environmental Studies (AA)  
 Ethnic Studies (AA)

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

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Geography (AA)  
 Geography for Transfer (AA-T)  
 Geological Sciences (AS)  
 Geology for Transfer (AS-T)  
 Global Studies (AA)  
 Graphic Design & Photography – Graphic Design Conc. (AA/C)

Health Information Technology (AS)  
 Healthy Aging (AA)  
 History (AA)  
 History for Transfer (AA-T)  
 Honors (C/C with highest honors) – 2 emphases available  
 Hospitality (AS/C)  
 Infant/Toddler Development (C)  
 Interior Design (AA/C)  
 International Business (AA/C)  
 Introduction to Graphic Design (C)

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Journalism (AA/C)  
 Journalism for Transfer (AA-T)

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Kinesiology for Transfer (AA-T)

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Law & Society (AA) - Emphasis in Criminal Justice available  
 Liberal Arts (AA) – Emphasis in Biomedical Sciences  
 Liberal Arts & Sciences (AA) – 3 emphases available  
 Liberal Studies (AA) – Emphasis in Education

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Marine Diving Technician (AS/C)  
 Marketing (AA/C)  
 Mathematics (AA)  
 Mathematics for Transfer (AS-T)  
 Media Arts (AA/C)  
 Medical Coding Specialist (C)  
 Middle East Studies (AA)  
 Music (AA)

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

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PC Support/Network Management (C)  
 Philosophy (AA)  
 Philosophy for Transfer (AA-T)  
 Physical Education (AA) – Emphasis in Athletic/Personal Fitness avail.  
 Physics (AA/AS)  
 Physics for Transfer (AS-T)  
 Political Science (AA)  
 Political Science for Transfer (AA-T)  
 Post-Professional Practice in ADC (C)  
 Psychology (AA)  
 Psychology for Transfer (AA-T)

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Radiography (AS)  
 Real Estate (AS/C)

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School-Age Care (C)  
 Sociology (AA)  
 Sociology for Transfer (AA-T)  
 Spanish (AA)  
 Spanish for Transfer (AS-T)  
 Studio Arts for Transfer (AA-T)

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Theatre Arts (AA) - 3 emphases available  
 Theatre Arts for Transfer (AA-T)  
 Transfer – CSU General Education Breadth Pattern (C)  
 Transfer – IGETC (C)

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Vocational Nursing (AS/C)

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Wastewater Technology Education (C)  
 Water Technology Education (C)

**Key: (AA)=Associate in Arts; (AA-T)=Associate in Arts for Transfer; (AS)=Associate in Science; (AS-T)= Associate in Science for Transfer; (C)=Certificate of Achievement**



**Santa Barbara City College**

# Web Programming

## 2016-17

### Skills Competency Award in Web Programming

Upon completion of the Skills Competency Award in Web Programming, the following competencies will be achieved:

- Write applets using the Java Language.
- Use the Java Abstract Windowing Toolkit to develop user interfaces.
- Write simple & advanced HTML.
- Write JavaScript programs and embed them into web pages.
- Understand XML technology and its applications.
- Write programs using the PERL language.
- Write programs using PHP and ASP.
- Connect simple databases to the web.
- Understand how Python & TCL can be used in web sites.
- Understand Cascading Style Sheets (CSS) and their application.

### Job Opportunities

This program will prepare students for working in the areas of programmer, web programmer, webmaster, and web page designer.

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