Skills Competency Award Requirements

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

Total Units Required: 9-10.5

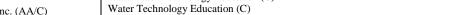| Current Course No.	Previous Course No.	Title	Units	Institution & Course No.	Grade	Units (s/q)	Term
• CS 111	(COMSC 111)	HTML & Webmastering	3.0				
• CS 120	(COMSC 120)	Java Programming *OR*	3.0				
CS 125	(COMSC 125)	C# Programming	3.0				
• CS 126	(COMSC 126)	Microsoft Mobile Device Programming	1.5				
• CS 127	(COMSC 127)	ASP.NET in C# *OR*	1.5				
CS 116	(COMSC 116)	Web Server Programming *OR*	3.0				
CS 187	(none)	iOS 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.

Santa Barbara City College

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.**

Accounting (AS)	Health Information Technology (AS)
Accounting/Assistant Bookkeeper IV (C)	Healthy Aging (AA)
Administration of Justice (AA/AS/C)–3 emph. avail (AS&C), 1(AA)	History (AA)
Administration of Justice for Transfer (AS-T)	History for Transfer (AA-T)
Alcohol and Drug Counseling (AA/C)	Honors (C/C with highest honors) – 2 emphases available
American Sign Language (AA)	Hospitality (AS/C)
Animation and Gaming (AA/C)	Infant/Toddler Development (C)
Anthropology (AA)	Interior Design (AA/C)
Anthropology for Transfer (AA-T)	International Business (AA/C)
Applied Photography (AA/C)	Introduction to Graphic Design (C)
Art (AA) - 2 emphases available	
Art History for Transfer (AA-T)	Journalism (AA/C)
Associate Child Care Teacher (C)	Journalism for Transfer (AA-T)
Automotive Services & Technology (AS/C)	
	Kinesiology for Transfer (AA-T)
Biological Sciences (AA)	
Black Studies (AA)	Law & Society (AA) - Emphasis in Criminal Justice available
Business Administration (AA/C) – 3 emphases available for AA, 2 for C	Liberal Arts (AA) – Emphasis in Biomedical Sciences
Business Administration for Transfer (AS-T)	Liberal Arts & Sciences (AA) – 3 emphases available
	Liberal Studies (AA) – Emphasis in Education
Cancer Information Management (AS/C)	
Chemistry (AA)	Marine Diving Technician (AS/C)
Chicano Studies (AA)	Marketing (AA/C)
Commercial Music (C)	Mathematics (AA)
Communication (AA) - 2 emphases available	Mathematics for Transfer (AS-T)
Communication Studies for Transfer (AA-T)	Media Arts (AA/C)
Computer App. & Office Mgmt (AS/C) - 2 emphases available	Medical Coding Specialist (C)
Computer Information Systems (AS) – Emph. in System Admin. available	Middle East Studies (AA)
Computer Network Engineering (AS/C)	Music (AA)
Computer Science (AS/C)	
Construction Technology (AS/C)	Native American Studies (AA)
Cosmetology (AS/C)	Natural History (AA)
Creative Writing (C) – 2 emphases available	Nursing - ADN (AS)
Culinary Arts (AS/C)	
	PC Support/Network Management (C)
Database Programming and Applications Development (C)	Philosophy (AA)
Diagnostic Medical Sonography (C)	Philosophy for Transfer (AA-T)
Diversity Issues in ECE (C)	Physical Education (AA) – Emphasis in Athletic/Personal Fitness avail.
Drafting/CAD (AS/C)	Physics (AA/AS)
	Physics for Transfer (AS-T)
Early Childhood Education (AS/C)	Political Science (AA)
Early Childhood Education for Transfer (AS-T)	Political Science for Transfer (AA-T)
Economics (AA)	Post-Professional Practice in ADC (C)
Economics for Transfer (AA-T)	Psychology (AA)
Elementary Teacher Education (AA-T)	Psychology for Transfer (AA-T)
Engineering (AA/AS)	
English (AA)	Radiography (AS)
English for Transfer (AA-T)	Real Estate (AS/C)
Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C	
Environmental Studies (AA)	School-Age Care (C)
Ethnic Studies (AA)	Sociology (AA)
	Sociology for Transfer (AA-T)
Film Production (AA)	Spanish (AA)
Film and Media Studies (AA)	Spanish for Transfer (AS-T)
Finance (AA/C)	Studio Arts for Transfer (AA-T)
French (AA)	
	Theatre Arts (AA) - 3 emphases available
Geography (AA)	Theatre Arts for Transfer (AA-T)
Geography for Transfer (AA-T)	Transfer – CSU General Education Breadth Pattern (C)
Geological Sciences (AS)	Transfer – IGETC (C)
Geology for Transfer (AS-T)	
Global Studies (AA)	Vocational Nursing (AS/C)
Graphic Design & Photography – Graphic Design Conc. (AA/C)	
	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

SB CC

Santa Barbara City College

Mobile Application Developer

2016-17

Skills Competency Award in Mobile Application Developer

Upon completion of the coursework required for the Mobile Application Developer Skills Competency Award, a successful student will be able to:

- Design and implement applications for the following mobile device platforms: Java ME, Microsoft Mobile, Flash Lite, and WML.
- Develop applications that access XML documents and web services.
- Develop games for mobile devices.
- Develop graphical user interfaces that include form widgets and animations.
- Deploy applications to mobile devices in a secure manner, via cable connection or over-the-air (OTA).
- Create and deploy web services that are designed for consumption by mobile devices.

Job Opportunities

This program will prepare students for working as a Mobile Application Developer, Web Programmer, Software Engineer and Embedded Systems Developer.

SBCC: Your Open Door to Educational Excellence