



Walla Walla Community College...

... Your Best Choice

Computer Science

The Industry

As electronic commerce becomes more common, how and when companies use technology are critical issues. Organizations continue to adopt and integrate increasingly sophisticated technology, leading to tremendous job growth for computer support specialists, technical support specialists, and network system administrators. These specialists can provide technical assistance, support, and advice, interpret problems and provide technical support for hardware, software, and systems. Network or computer systems administrators design, install, and support an organization's LAN, WAN, network segment, Internet, or intranet system. They also may provide day-to-day onsite administrative support for software users in a variety of work environments.

Career Opportunities

- Computer Support Specialist
- Technical Support Specialist
- System Administrator
- Professional Equipment Sales Rep.
- Software Publicist
- Computer System Designer
- Web Designer/Developer

WWCC's Degree Options

Associate in Applied Arts and Sciences (AAAS). Computer Science students have the option between three courses of study within the program: **Informatics in Digital Design, Informatics in Software Design, or Informatics in Networking.**



For More Information

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Computer Science

These schedules list courses required for degree completion but the actual order and specific coursework may vary depending on student placement, start date, and quarter. Please check with your advisor prior to any substitutions.

The required related instruction is noted in bold print. The letter in the parenthesis indicates which category of related instruction is represented by the given course as follows:
 (W)- Written Communications (O)- Oral Communications (R)- Human Relations (M)- Computation/Mathematics (J)- Job Seeking Skills (L)- Leadership

Year One		AAAS Informatics in Networking	
Quarter One		Credits	
CS 110, Introduction to Computers and Applications	5		
CS 115, Introduction to Computer & Information Technology	5		
CS 120, Networking Using Internet Technologies	5		
CMST 102, Interpersonal Communications	3		
Total Credits		18	
Quarter Two		Credits	
CS 121, Problem Solving with Programming	5		
CS 125, Operating Systems	5		
BUS 112, Business Mathematics (M)	5		
BUS 137, Business Communications II (W)	5		
Total Credits		20	
Quarter Three		Credits	
CS 130, PC Support and Maintenance I	5		
CS 220, Digital Imaging Foundations	5		
BUS 102, Customer Service (R)	5		
Total Credits		15	
Certificate Total		53	

Year Two		AAAS Informatics in Digital Design	
Quarter One		Credits	
CS 260, Unix/Linux Operating Systems	5		
CS 265, CCNA 1	5		
CS 275, Windows Client	5		
CS 290, Systems Analysis and Design (Critical Thinking)	5		
Total Credits		20	
Quarter Two		Credits	
CS 266, CCNA 2	5		
CS 267, CCNA 3	5		
CS 276, Windows Server	5		
CS 277, Fund of Network Security	5		
Total Credits		20	
Quarter Three		Credits	
CS 268, CCNA 4	5		
CS 278, Windows Server Infrastructure	5		
CS 280, Novell SUSE Server	5		
CS 291, Cooperative Work Experience	2		
CS 292, Cooperative Seminar II (L) (J)	3		
Total Credits		20	
Year Two Total		60	
Degree Total		113	

 The following courses meet the related instructional requirements of the program (one class per category required):
 (J) CS 292
 (L) CS 292
 (M) BUS 112, MATH 095
 (O) OCSUP 102, CMST 102, CMST& 220
 (R) BUS 102, PSYC& 100, PSYC 111
 (W) BUS 137, ENGL& 101
 EPC: 527

Year One		AAAS Informatics in Software Design	
Quarter One		Credits	
CS 110, Introduction to Computers and Applications	5		
CS 115, Introduction to Computer & Information Technology	5		
CS 120, Networking Using Internet Technologies	5		
CMST 102, Interpersonal Communications	3		
Total Credits		18	
Quarter Two		Credits	
CS 121, Problem Solving with Programming	5		
CS 125, Operating Systems	5		
BUS 112, Business Mathematics (M)	5		
Total Credits		15	
Quarter Three		Credits	
CS 130, PC Support and Maintenance I	5		
CS 220, Digital Imaging Foundations	5		
BUS 102, Customer Service (R)	5		
BUS 137, Business Communications II (W)	5		
Total Credits		20	
Year One Total		53	

Year Two		AAAS Informatics in Software Design	
Quarter One		Credits	
CS 223, Computer Layout and Design (Photoshop)	5		
CS 225, Digital Design From A Gaming Perspective	5		
CS 290, Systems Analysis and Design (Critical Thinking)	5		
Total Credits		15	
Quarter Two		Credits	
CS 141, Computer Science I JAVA	5		
CS 221, Introduction to Digital Audio/Video	5		
CS 224, Computer Illustration (Illustrator)	5		
CS 227, Website Design and Construction I	5		
Total Credits		20	
Quarter Three		Credits	
CS 222, Desktop Publishing (InDesign)	5		
CS 228, Website Design and Construction II	5		
CS 229, Dynamic Website Design- Cold Fusion	5		
CS 291, Cooperative Work Experience	2		
CS 292, Cooperative Seminar II (L) (J)	3		
Total Credits		20	
Year Two Total		55	
Degree Total		108	

 The following courses meet the related instructional requirements of the program (one class per category required):
 (J) CS 292
 (L) CS 292
 (M) BUS 112
 (O) CMST 102, CMST& 220
 (R) BUS 102, PSYC& 100
 (W) BUS 137, ENGL& 101
 EPC: 507

Year One		AAAS Informatics in Software Design	
Quarter One		Credits	
CS 110, Introduction to Computers and Applications	5		
CS 115, Introduction to Computer & Information Technology	5		
CS 120, Networking Using Internet Technologies	5		
CMST 102, Interpersonal Communications	3		
Total Credits		18	
Quarter Two		Credits	
CS 121, Problem Solving with Programming	5		
CS 125, Operating Systems	5		
BUS 112, Business Mathematics (M)	5		
Total Credits		15	
Quarter Three		Credits	
CS 130, PC Support and Maintenance I	5		
CS 220, Digital Imaging Foundations	5		
BUS 102, Customer Service (R)	5		
BUS 137, Business Communications II (W)	5		
Total Credits		20	
Certificate Total		53	

Year Two		AAAS Informatics in Software Design	
Quarter One		Credits	
CS 230, Visual Basic Programming	5		
CS 235, Introduction to Database Design and Theory	5		
BS 240, Application Integration Using VBA	5		
CS 290, Systems Analysis and Design (Critical Thinking)	5		
Total Credits		20	
Quarter Two		Credits	
CS 141, Computer Science I JAVA	5		
CS 231, Application Development	5		
CS 245, Advanced Database Development	5		
Total Credits		15	
Quarter Three		Credits	
CS 241, Programming II (JAVA/C++)	5		
CS 242, Advanced Software Development	5		
CS 246, SQL and Relational Database Programming	5		
CS 291, Cooperative Work Experience	2		
CS 292, Cooperative Seminar II (L) (J)	3		
Total Credits		20	
Year Two Total		55	
Degree Total		108	

 The following courses meet the related instructional requirements of the program (one class per category required):
 (J) CS 292
 (L) CS 292
 (M) BUS 112
 (O) CMST 102, CMST& 220
 (R) BUS 102
 (W) BUS 137
 EPC: 501

Year One		Informatics in Digital Design Certificate	
Quarter One		Credits	
CS 110, Introduction to Computers and Applications	5		
CS 115, Introduction to Computer & Information Technology	5		
CS 223, Computer Layout and Design (Photoshop)	5		
Total Credits		15	
Quarter Two		Credits	
CS 224, Computer Illustration (Illustrator)	5		
CS 227, Website Design and Construction I	5		
BUS 112, Business Mathematics (M)	5		
BUS 137, Business Communications II (W)	5		
Total Credits		20	
Quarter Three		Credits	
CS 220, Digital Imaging Foundations	5		
CS 222, Desktop Publishing (InDesign)	5		
CS 221, Introduction to Digital Audio/Video	5		
BUS 102, Customer Service (R)	5		
Total Credits		20	
Certificate Total		55	

 The following courses meet the related instructional requirements of the program (one class per category required):
 (M) BUS 112
 (R) BUS 102
 (W) BUS 137
 EPC: 507C

Year One		Informatics in Software Design Certificate	
Quarter One		Credits	
CS 110, Introduction to Computers and Applications	5		
CS 115, Introduction to Computer & Information Technology	5		
CS 235, Introduction to Database Design and Theory	5		
CS 240, Application Integration using VBA	5		
Total Credits		20	
Quarter Two		Credits	
CS 121, Problem Solving With Programming	5		
CS 231, Application Development	5		
CS 245, Advanced Database Development	5		
BUS 112, Business Mathematics (M)	5		
Total Credits		15	
Quarter Three		Credits	
CS 130, PC Support and Maintenance I	5		
CS 230, Visual Basic Programming	5		
BUS 102, Customer Service (R)	5		
BUS 137, Business Communications II (W)	5		
Total Credits		20	
Certificate Total		60	

 The following courses meet the related instructional requirements of the program (one class per category required):
 (M) BUS 112
 (R) BUS 102
 (W) BUS 137
 EPC: 501C