

COMPUTER SCIENCE AND COMPUTER INFORMATION SYSTEMS COURSE CROSSWALK

AUGUST 15, 2005

This data was taken directly from the most recent community college catalogues, the Oregon Council of Computer Chairs (OCCC) web site. It is subject to change and availability of the most current information.

OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
100 Computer Careers (4)	LCC	<i>CS 100: Computing Careers Exploration (1)</i>
	MHCC	<i>CIS 100: Computer Careers Exploration (1)</i>
101 Computer Fundamentals I (4)	CHCC	<i>CS 101: Intro Microcomputer Applications (3)</i>
	CLAT	<i>CS 101: Fundamentals of Computing (1)</i>
	LCC	<i>CIS 101: Computer Fundamentals (3)</i>
	OCCC	<i>CS 101: Introduction to Microcomputer Applications (3)</i>
	RCC	<i>CS 101: Computer Fundamentals I (4)</i>
	SWOCC	<i>CS 101: Computers in Society (2)</i>
	TBCC	<i>CIS 101: TEKnology, High Tech Career Exploration (4)</i>
	TVCC	<i>CS 101: Intro to Microcomputing (4)</i>
	102 Computer Fundamentals II (4)	<i>None Available</i>
103 Computer Fundamentals III (4)	<i>None Available</i>	<i>None Available</i>
120 Concepts of Computing I (4)	BMCC	<i>CS 120: Concepts of Computing (4)</i>
	COCC	<i>CIS 120: Computer Concepts I (4)</i>
	CHCC	<i>CS 120: Computer Info Science 1 (4)</i>
	CLACK	<i>CS 120: Survey of Computing (4)</i> <i>CS 120S: Survey of Computing Seminar (0)</i>
	KCC	<i>CIS 120: Computer Concepts I (4)</i>
	LCC	<i>CS 120: Concepts of Computing: Information Processing (4)</i>
	MHCC	<i>CIS 120: Computer Concepts I (3)</i> <i>CIS 120: Computer Concepts Lab I (1)</i>

OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
120 Concepts of Computing I (4)(cont)	OCCC	<i>CIS 120:</i> Computer Information Science 1 (4)
	PCC	<i>CIS 120:</i> Computer Concepts I (4)
	RCC	<i>CS 120:</i> Concepts in Computing I (4)
	TBCC	<i>CIS 120:</i> Computer concepts I (4)
121 Concepts of Computing II (4)	BMCC	<i>CS 121:</i> Concepts of Computing (4)
	COCC	<i>CIS 121:</i> Computer Concepts II (4)
	CLACK	<i>CS 121:</i> Computer Applications (3)
	KCC	<i>CIS 121:</i> Computer Concepts II (4)
	OCCC	<i>CIS 121:</i> Computer Information Science 2 (4)
	PCC	<i>CIS 121:</i> Computer Concepts II (4)
	TBCC	<i>CIS 121:</i> Computer Concepts II (4)
122 Concepts of Computing III (4)	BMCC	<i>CS 122:</i> Computer Concepts III (4)
	COCC	<i>CIS 122:</i> Computer Concepts III (4)
	CGCC	<i>CIS 122:</i> Software Design (4)
	KCC	<i>CIS 122:</i> Software Design (4)
	MHCC	<i>CIS 122:</i> Computer Concepts III (4) <i>CIS 122A:</i> Program Design – Level I (1)
	OCCC	<i>CIS 122:</i> Computer Information Science 3 (4)
	PCC	<i>CIS 122:</i> Software Design (4)
	RCC	<i>CS 122:</i> Concepts in Computing III (4)
	TBCC	<i>CIS 122:</i> Software Design (4)
125x Software Applications (4)	BMCC	<i>CS 125:</i> Software Applications (4)
	COCC	<i>CIS 125A1:</i> AutoCAD I (3) <i>CIS 125A2:</i> AutoCAD II (3) <i>CIS 125A3:</i> AutoCAD III (3) <i>CIS 125D:</i> Intermediate Database (4) <i>CIS 125EP:</i> AutoCAD Examination Preparation (1) <i>CIS 125 125G:</i> Introduction to Web Graphics (4)

OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
125x Software Applications (4) (cont)	COCC (cont)	<i>CIS 125S:</i> Intermediate Spreadsheets (4) <i>CIS 125WD:</i> Intermediate Word Processing (4)
	CHCC	<i>CS 125A:</i> Micro Database Software-Access (3) <i>CS 125E:</i> Excel-Workbooks (4)
	CLACK	<i>CS 125H:</i> HTML & Web Site Design (3) <i>CS 125P:</i> Computer Publishing (3)
	CLAT	<i>CS 125:</i> Beginning Web Site Design and Development (3)
	KCC	<i>CIS 125:</i> Database Management for Microcomputers (4)
	LCC	<i>CIS 125D:</i> Computer Database Applications (4) <i>CIS 125H:</i> Software Applications: HTML (2) <i>CIS 125S:</i> Problem Solving with Spreadsheets (4)
	LBCC	<i>CIS 125:</i> Introduction to Software Applications (3) <i>CIS 125D:</i> Introduction to Databases (1) <i>CIS 125O:</i> Introduction to Windows (1) <i>CIS 125P:</i> Introduction to Presentations (1) <i>CIS 125S:</i> Introduction to Spreadsheets (1)
	MHCC	<i>CIS 125CS:</i> Cascading Style Sheets (1) <i>CIS 125DB:</i> Desktop Database (3) <i>CIS 125DOC:</i> Documentation (1) <i>CIS 125DRA:</i> Dreamweaver – Level 1 (1) <i>CIS 125DRB:</i> Dreamweaver – Level 2 (1) <i>CIS 125DRC:</i> Dreamweaver – Level 3 (1) <i>CIS 125DRD:</i> Dreamweaver – Level 4 (1) <i>CIS 125FLA:</i> Flash – Level 1 (1) <i>CIS 125FLB:</i> Flash – Level 2 (1) <i>CIS 125FLC:</i> Flash – Level 3 (1) <i>CIS 125FLD:</i> Flash – Level 4 (1) <i>CIS 125FWA:</i> Fireworks – Level 1 (1)

OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
125x Software Applications (4) (cont)	MHCC (cont)	<i>CIS 125FWB</i> : Fireworks – Level 2 (1) <i>CIS 125FWC</i> : Fireworks – Level 3 (1) <i>CIS 125HTA</i> : HTML – Level 1 (1) <i>CIS 125HTB</i> : HTML – Level 2 (1) <i>CIS 125MPA</i> : Project Management (MS Project) – Level 1 (1) <i>CIS 125PSA</i> : Photoshop – Level 1 (1) <i>CIS 125PSB</i> : Photoshop – Level 2 (1) <i>CIS 125PSC</i> : Photoshop – Level 3 (1) <i>CIS 125SS</i> : Spreadsheet (3) <i>CIS 125WP</i> : Word Processing (3) <i>CIS 125QRK</i> : Quark XPress for Journalism (1)
	OCCC	<i>CS 125A</i> : Micro Database Software-Access (3) <i>CS 125E</i> : Excel Workbooks (4)
	PCC	<i>CIS 125D</i> : Database Application Dev I (4)
	RCC	<i>CS 125CI</i> : Computer Illustration (3) <i>CS 125DB</i> : Database Management Systems (3) <i>CS 125DI</i> : Digital Imaging (3) <i>CS 125DP</i> : Digital Photography (1) <i>CS 125DTP</i> : Desktop Publishing Applications (3) <i>CS 125DV</i> : Introduction to Digital Video (1) <i>CS 125DW</i> : Introduction to Dreamweaver (3) <i>CS 125F</i> : Introduction to Flash (3) <i>CS 125GD</i> : Computer Graphics Design (3) <i>CS 125MM</i> : Introduction to Multimedia (3) <i>CS 125PPT</i> : PowerPoint for Presentations (1) <i>CS 125SS</i> : Spreadsheet Applications (1-3) <i>CS 125V</i> : Visio (1) <i>CS 125WW</i> : Word Processing Applications (3)

OCCC CS/CIS Common Course Numbers http://cs.blueecc.edu/occc	Community College	Course Number, Title, and Credit
125x Software Applications (4) (cont)	SWOCC	<i>CS 125DB:</i> Database Applications (3) <i>CS 125DM:</i> Digital Media Applications (3) <i>CS 125GIS/GEOG265:</i> Introduction to Geographic Information Systems (3) <i>CS 125H:</i> HTML Applications (3) <i>CS 125P:</i> Presentation Applications: Microsoft Power Point (3) <i>CS 125S:</i> Spreadsheet Applications (3) <i>CS 125W:</i> Word Processing Applications: Microsoft (3) <i>CS 125WE:</i> Web Editor Applications (3)
	TVCC	<i>CS 125A:</i> Database Applications (4) <i>CS 125SS:</i> Spreadsheet Applications (4)
	UCC	<i>CIS 125AT:</i> Microcomputer Application for Auto Tech. (3) <i>CIS 125DT:</i> Microcomputer Applications – Database (3) <i>CIS 125HT:</i> Writing Web Pages (2) <i>CIS 125JT:</i> Writing Web Pages II (2) <i>CIS 125PT:</i> Introduction to Desktop Publishing (3) <i>CIS 125ST:</i> Microcomputer Applications – Spreadsheets (3) <i>CIS 125WT:</i> Microcomputer Applications Word Processing (3)
131 Intro to Business Computing (4)	COCC	<i>CIS 131:</i> Software Applications (4)
	CLAT	<i>CS 131:</i> Introduction to Computer Information Systems (4)
	LCC	<i>CS 131:</i> Introduction to Computer Information Processing (4)
	SWOCC	<i>CS 131:</i> Computer Information Systems (4)
	UCC	<i>CS 131:</i> <i>Introduction to Computer Information Systems (4)</i>
133x Computer Language I (4)	BMCC	<i>CS 133B:</i> Programming with Visual Basic (4)
		<i>CS 133U:</i> Programming with C++ (4)
	CLACK	<i>CS 133F:</i> Fortran (2) <i>CS 133S:</i> Web Application Development (3) <i>CS 133VA:</i> Visual Basic for Applications (3) <i>CS 133VB:</i> Visual Basics I (3)

OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
133x Computer Language I (4) (cont)	CLAT	<i>CS 133S</i> : Scripting Languages (3)
	KCC	<i>CIS 133</i> : Introduction to Programming (4)
	LCC	<i>CS 133</i> : Beginning Programming (4) <i>CS 133JS</i> : Beg. Programming: JavaScript (4)
	LBCC	<i>CS 133J</i> : JavaScript (4)
	MHCC	<i>CS 133U</i> : Programming in C++ (4) <i>CS 133V</i> : Visual Basic I (4) <i>CIS 133JS</i> : JavaScript I (3) <i>CS 133PRL</i> : CGI Programming with PERL (4) <i>CS 133VB</i> : Introduction MS Visual Basic Programming (3)
	PCC	<i>CIS 133B</i> : Intro Visual Basic.NET Program (4) <i>CIS 133G</i> : Introduction to Computer Games (4) <i>CIS 133J</i> : Java Programming I (4) <i>CS 133U</i> : Introduction to C (4)
	RCC	<i>CS 133B</i> : Basic I (4) <i>CS 133H</i> : HTML I (4) <i>CS 133JS</i> : JavaScript (4) <i>CS 133U</i> : Introduction to C and C++ Languages (4)
	SWOCC	<i>CS 133VB</i> : Computer Language I – Visual Basic (4) <i>CS 133WS</i> : Computer Language I – Client –side Web Scripting
	TVCC	<i>CS 133C</i> : Computer Programming: COBOL (4) <i>CS 133CP</i> : Computer Programming: C++ (4) <i>CS 133JA</i> : Intro to Java Programming (4) <i>CS 133P</i> : Intro to Pascal (4) <i>CS 133VB</i> : Intro to Visual Basic Programming (4)
	UCC	<i>CIS 133BT</i> : Introduction to Programming in Visual Basic (4) <i>CIS 133UT</i> : Introduction to Programming in C++ (3) <i>CS 133U</i> : Programming for Engineers (3)

OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
135x Advanced Software Applications (4) (cont)	BMCC	<i>CS 135:</i> Advanced Software Applications (1-3)
	CLACK	<i>CS 135DB:</i> Advanced Database (3)
	CLAT	<i>CS 135H:</i> Advanced Web Site Design and Development (3) <i>CS 135W:</i> Web Site Management (3) <i>CS 135I:</i> Advanced Internet Applications (3) <i>CS 135S:</i> Advanced Spreadsheet (3) <i>CS 135W:</i> Advanced Word Processing (3)
	COCC	<i>CIS 135A1:</i> CAD for Architectural Drafting I (3) <i>CIS 135A2:</i> CAD for Architectural Drafting II (3) <i>CIS 135CA:</i> Customizing AutoCAD (3) <i>CIS 135CD:</i> CAD for Civil Drafting (3) <i>CIS 135CP:</i> CAD for Presentation (3) <i>CIS 135MD:</i> CAD for4 Mechanical Drafting (3)
	SWOCC	<i>CS 135DB:</i> Advanced Database Applications (3) <i>CS 135W:</i> Advanced Word Processing : Desktop Publishing (3)
140x Intro to Operation Systems (4)	BMCC	<i>CS 140:</i> Introduction to Operating Systems (1-3)
	COCC	<i>CIS 140:</i> Operating Systems (4)
	CHCC	<i>CS 140B:</i> Microcomputer Operating System (3)
	CLACK	<i>CS 140U:</i> Unix/Linux (3) <i>CS 140:</i> Operating Systems I (4)
	KCC	<i>CS 140D:</i> Operating Systems: Command Line (3) <i>CS 140U:</i> Operating Systems: Linux/Unix (3) <i>CIS 140:</i> Operating Systems: Microcomputers (4)
	LCC	<i>CIS 140:</i> Operating Environments (4)
	LBCC	<i>CIS 140B:</i> Op Environments: Macintosh (1) <i>CIS 140S:</i> Op Environments: Windows (1) <i>CIS 140U:</i> Operating Environments: Unix/Linux (4) <i>CS 140U:</i> Fundamentals of Unix/Linux (4)

	MHCC	<i>CIS 140: Introduction to Operating Systems (4)</i>
		<i>CIS 140U: Unix/Linux System Management (3)</i> <i>CIS 140W: Windows OS (2)</i>
	OCCC	<i>CS 140U: Unix/Linux (3)</i>
	PCC	<i>CIS 140M: Introduction to Operating Systems (3)</i>
OCCC CS/CIS Common Course Numbers http://cs.blueecc.edu/occc	Community College	Course Number, Title, and Credit
140x Intro to Operation Systems (4) <i>(cont)</i>	PCC <i>(cont)</i>	<i>CIS 140S: Perl Script Programming (1)</i> <i>CIS 140U: Intro to Unix (4)</i>
	RCC	<i>CS 140: Introduction to Operating Systems (4)</i>
	SWOCC	<i>CS 140: Introduction to Operating Systems (3)</i>
	TBCC	<i>CIS 140D: Operating System: Microcomputers (4)</i> <i>CS 140U: Introduction to Unix (4)</i>
	TVCC	<i>CS 140L: Operating Environments: Linux (4)</i> <i>CS 140W: Operating Environment: Windows XP/NT (4)</i>
	UCC	<i>CIS 140BT: Introduction to Operating Systems (4)</i> <i>CIS 140WT: Introduction to Windows (2)</i>
	145 Hardware Installation Support (4)	=====
	COCC	<i>CIS 145: Micro Computer Service (4)</i>
	LBCC	<i>CS 145: Hardware/Software Selection and Support (3)</i>
	MHCC	<i>CIS 145A: Computer Upgrading/Maintenance (1)</i>
	OCCC	<i>CS 145: Microcomputer Hardware (4)</i>
	PCC	<i>CIS 145: Micro Computer Hardware (4)</i>
151 (c) Network Essentials (4)	=====	=====
	COCC	<i>CIS 151C: Internetworking (4)</i>
	LBCC	<i>CIS 151: Networking Essentials (4)</i>
	MHCC	<i>CIS 151: Network Fundamentals (4)</i>
	SWOCC	<i>CS 151: Introduction to Computer Programming (4)</i>
	UCC	<i>CIS 151CT: Cisco Networking Fundamentals II (2)</i>

152 (c) Network Router Configurations (4)		
	COCC	CIS 152C: Router Configuration (4)
	LBCC	CIS 152: Network Router Configurations (4)
	MHCC	CIS 152: Router Configuration (4)
	UCC	CIS 152CT: Cisco Semester 2 (2)
153 (c) LAN's and Internetwork Design (4)		
OCCC CS/CIS Common Course Numbers http://cs.blueecc.edu/occc	Community College	Course Number, Title, and Credit
153 (c) LAN's and Internetwork Design (4) (cont)	LBCC	CIS 153: LANs and Internetwork Design (4)
	UCC	CIS 153CT: Cisco Semester 3 (2)
154(c) WAN Design		
	COCC	CIS 154C: VLAN and WAN Technologies (4)
	LBCC	CIS 154: WAN Design (4)
	MHCC	CIS 154: LAN/WAN Concepts and Design (5)
	UCC	CIS 154CT: Cisco Semester 4 (2)
155 (c) Advanced Routing Configurations (4)	<i>None Available</i>	<i>None Available</i>
156 (c) Remote-Access Networks (4)	<i>None Available</i>	<i>None Available</i>
157 (c) Multi-Layer Switching (4)	<i>None Available</i>	<i>None Available</i>
158 (c) Network Troubleshooting (4)	<i>None Available</i>	<i>None Available</i>
160 Orientation to Programming (4)		
	CLACK	CS 160: Computer Technician Orientation (2)
	CLAT	CS 160: Introduction to Computer Programming (4)
	CGCC	CS 160: Exploring Computer Science (4)
	LCC	CS 160: Orientation to Computer Science (4)
	LBCC	CS 160: Orientation to Computer Science (4)

	MHCC	<i>CS 160: Computer Science Orientation (4)</i>
	PCC	<i>CS 160: Exploring Computer Science (4)</i>
	TVCC	<i>CS 160: Orientation to Programming (4)</i>
	UCC	<i>CS 160T: Orientation to Programming (3)</i>
161 Computer Science I (4)		
	BMCC	<i>CS 161: Computer Science (4)</i>
	CLACK	<i>CS 161: Computer Science I (4)</i>
	CLAT	<i>CS 161: Computer Science I (4)</i>
OCCE CS/CIS Common Course Numbers http://cs.bluecc.edu/occe	Community College	Course Number, Title, and Credit
161 Computer Science I (4) (cont)	LCC	<i>CS 161: computer Science I (4)</i>
		<i>CS 161: Introduction to Computer Science I (4)</i>
	MHCC	<i>CS 161: Computer Science I (4)</i>
	PCC	<i>CS 161: Computer Science (4)</i>
	RCC	<i>CS 161: Computer Science I (4)</i>
	SWOCC	<i>CS 161: Introduction to Computer Science I (4)</i>
	TVCC	<i>CS 161: Computer Science I (4)</i>
	UCC	<i>CS 161: Computer Science I (4)</i>
162 Computer Science II (4)		
	BMCC	<i>CS 162: Computer Science (4)</i>
	CLACK	<i>CS 162: Computer Science II (4)</i>
	CLAT	<i>CS 162: Computer Science II (4)</i>
	LCC	<i>CS 162: Computer Science 2 (4)</i>
	LBCC	<i>CS 162: Introduction to Computer Science II (4)</i>
	MHCC	<i>CS 162: Computer Science II (4)</i>
	PCC	<i>CS 162: Computer Science II (4)</i>
	RCC	<i>CS 162: Computer Science II (4)</i>
	SWOCC	<i>CS 162: Introduction to Computer Science II (4)</i>
	TVCC	<i>CS 162: Computer Science II (4)</i>
	UCC	<i>CS 162: Computer Science II (4)</i>

171 Assembly Language Programming (4)		
	BMCC	<i>CS 171: Computer Org & Assembly Language (4)</i>
	CLAT	<i>CS 171: Principles of Computer Organization (4)</i>
	PCC	<i>CS 171: Assembly Language (4)</i>
	RCC	<i>CS 171: Computer Organization I (4)</i>
	UCC	<i>CS 171: Computer Organization (4)</i>
178 Introduction to Internet (4)		
	COCC	<i>CIS 178: Internet in Depth (4)</i>
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
178 Introduction to Internet (4) (cont)	CHCC	<i>CS 178I: Intro Internet/World Wide Web (3)</i>
	CLACK	<i>CS 178: Intro to the Internet/World Wide Web (3)</i> <i>CS 178E: Internet Applications of Educators (1)</i>
	LCC	<i>CIS 178: Introduction to the Internet (4)</i>
	MHCC	<i>CIS 178A: Internet (1)</i> <i>CIS 178B: Web Publishing (1)</i>
	OCCC	<i>CS 178I: Introduction to the Internet/World Wide Web (3)</i>
	PCC	<i>CIS 178: Applied Internet Concepts (4)</i>
	RCC	<i>CS 178I: Introduction to the Internet/ World Wide Web</i>
	SWOCC	<i>CS 178I: Internet (3)</i>
179 Introduction to Networks (4)		
	COCC	<i>CIS 179: Networking Essentials (4)</i>
	CLACK	<i>CS 179: Data Communications Concepts (3)</i>
	LCC	<i>CS 179: Introduction to Computer Networks (4)</i>
	OCCC	<i>CS 179: Introduction to Windows NT (3)</i>
	PCC	<i>CIS 179: Data Comm Concepts I (4)</i>
	RCC	<i>CS 179: Introduction to Networks (4)</i>
	TBCC	<i>CIS 179: Data Communication Concepts I (4)</i>
180 Supervised CS/CIS Practicum (4)		
	BMCC	<i>CS 180: Computer Science Practicum (1-4)</i>

	LCC	<i>CS 180: Supervised Computer Science Practicum (1)</i>
	LBCC	<i>CS 180: Supervised Computer Practicum (2)</i>
	RCC	<i>CS 180: Cooperative Education/Computer Science (Variable Credit)</i>
185 Computer Ethics (4)		
	<i>None Available</i>	<i>None Available</i>
188 Wireless I (4)		
	KCC	<i>CIS 188: Wireless (4)</i>
	MHCC	<i>CIS 188: Wireless Network Concepts /Design (3)</i>
189 Wireless II (4)	<i>None Available</i>	<i>None Available</i>
OCCC CS/CIS Common Course Numbers http://cs.blueecc.edu/occc	Community College	Course Number, Title, and Credit
195 Web Development I (4)		
	BMCC	<i>CS 195: Web Development (4)</i>
	COCC	<i>CIS 195: Web Development I (4)</i>
	CLACK	<i>CS 195: Website Technologies I (3)</i>
	LCC	<i>CS 195: Web Development I (4)</i>
	LBCC	<i>CIS 195: Web Development I (4)</i>
	MHCC	<i>CIS 195: Web Development I (3)</i>
	TVCC	<i>CS 195: Web Design I (3)</i>
	UCC	<i>CIS 195T: Authoring for the World Wide Web (4)</i>
198 Independent Study (4)		
	BMCC	<i>CS 198: Special Studies (1-3)</i>
	COCC	<i>CIS 198: Computer and Information Systems Projects (3)</i>
	LCC	<i>CS 198: Independent Study (1-3)</i>
	RCC	<i>CS 198: Independent Studies: Computer Science (Variable Credit)</i>
	SWOCC	<i>CS 198: Independent Study (1-3)</i>
199 Special Studies (4)		
	COCC	<i>CIS 199: Selected Topics: Computer and Information Systems</i>

		(1-7)
	LCC	CIS 199: Special Studies (2)
		CS 199: Special Studies (1)
	RCC	CS 199: Special Studies: Computer Science (Variable Credit)
200 Computer Systems I (4)		
	PCC	CS 200: Computer Systems I (4)
201 Computer Systems II (4)	<i>None Available</i>	<i>None Available</i>
225 Computer End-User Support I (4)		
	CLACK	CS 225: Computer End User Support (3)
	LCC	CIS 225: Computer End-User Support (4)
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
225 Computer End-User Support I (4) <i>(cont)</i>	LBCC	CS 225: End-User Computing Support (4)
	MHCC	CIS 225A: Help-Desk Software (1)
	PCC	CIS 225: End User Support (4)
	RCC	CS 225: Computer End-User Support I (4)
226 Computer End-User Support II (4)		
	CLACK	CS 226: Applications Support (3)
	LCC	CIS 226: Advanced Computer User Support (4)
227x System Support I (4)		
	CLACK	CS 227: PC Hardware & Repair I (4)
	LCC	CIS 227: Systems Support (4) CIS 227A: Systems Support: Applications Software (4) CIS 227H: Systems Support: Hardware (4) CIS 227N: Systems Support: Network and Operating Systems (4)
	LBCC	CS 227S: Systems Support: Software (3) CS 227H: Systems Support: Hardware (3)
	RCC	CS 227: PC Hardware Fundamentals and Repair (5)

		<i>CS 227N: Network Hardware Fundamentals (4)</i>
228x System Support II (4)		
	CLACK	<i>CS 228: PC Hardware & Repair II (4)</i>
233x Computer Language II (4)		
	CLACK	<i>CS 233S: Web Application Development (3)</i> <i>CS 233VB: Visual Basic.Net II (3)</i>
	KCC	<i>CIS 233: Intermediate Programming (4)</i>
	LCC	<i>CS 233: Advanced Programming (4)</i>
	LBCC	<i>CS 233V: Visual Basic II (4)</i>
	MHCC	<i>CS 233JA: JAVA-Advanced Topics/Programmers (4)</i> <i>CS 233VB: Intermediate Microsoft Visual Basic Programming (3)</i>
	PCC	<i>CIS 233B: Int Visual Basic.NET Program (4)</i>
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
233x Computer Language II (4) (cont)	PCC (cont)	<i>CIS 233J: Java Programming II (4)</i> <i>CIS 233S: Internet Web Page Scripting (4)</i> <i>CS 233G: Game Programming (4)</i>
	RCC	<i>CS 233B: Basic II (4)</i> <i>CS 233H: Advanced HTML (HTML II) (4)</i> <i>CS 233JS: JavaScript II (4)</i> <i>CS 233U: Advanced C and C++ Languages (4)</i>
	SWOCC	<i>CS 233VB: Computer Language II – Visual Basic (4)</i> <i>CS 233WS: Computer Language II – Server-Side Web Scripting (4)</i>
	TVCC	<i>CS 233C: Advanced Programming: Cobol (4)</i> <i>CS 233CP: Advanced Computer Prog: C++ (4)</i> <i>CS 233P: Advanced Program: PASCAL (4)</i> <i>CS 233VB: Advanced Visual Basic (4)</i>
	UCC	<i>CIS 233BT: Techniques of Programming (Adv Visual Basic) (4)</i> <i>CIS 233JT: Techniques of Programming – JAVA (4)</i>
234x Computer Language III (4)		

	CLACK	<i>CS 234S: Web Application Development III (3)</i>
	MHCC	<i>CS 234JA: JAVA-Networking Topics for Programmers (4)</i> <i>CS 234VB: Advanced Microsoft Visual Basic Programming (3)</i>
	PCC	<i>CIS 234N: C# Programming (4)</i>
235 Advanced Software Applications (4)		
	COCC	<i>CIS 235: Information Technology in Business (4)</i>
	LCC	<i>CIS 235: Adv. Software Applications Programming: VBA (4)</i>
	RCC	<i>CS 235GS: Graphics Studio (4)</i> <i>CS 235PG: Production Graphics (4)</i> <i>CS 235WG: Web Graphics (4)</i>
	UCC	<i>CIS 235T: Application Development for Microcomputers (4)</i>
240x Advanced Operating Systems (4)		
	BMCC	<i>CS 240: Advanced Operating Systems (1-3)</i>
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
240x Advanced Operating Systems (4) (cont)	CLACK	<i>CS 240U: Operating Systems II: Linux/Unix</i> <i>CS 240W: Operating Systems II: Windows (3)</i>
	LCC	<i>CS 240: Operating Systems (4)</i> <i>CS 240U: Operating Systems Unix/Linux (4)</i>
	LBCC	<i>CS 240A: Microsoft Windows Server Administration I (4)</i> <i>CS 240B: Microsoft Windows Server Administration II (4)</i>
	MHCC	<i>CIS 240WS: Web Servers (3)</i>
	PCC	<i>CIS 240L: Linux Installation and Config (4)</i> <i>CIS 240M: Managing a Windows Server Env (4)</i>
	RCC	<i>CS 240: Advanced Operating Systems (4)</i>
	SWOCC	<i>CS 240U: Advanced Operating Systems (UNIX Operating System) (3)</i> <i>CS 240 W: Advanced Operating Systems (Windows Operating System) (3)</i>
	TVCC	<i>CS 240L: Advanced OP Env: Linux Systems Admin (4)</i>

	UCC	CIS 240T: Advanced Operating Systems (4)
243 Essentials of Information Systems/E-Commerce (4)		
	LCC	CIS 243: Essentials of Information Technology (4)
	PCC	CIS 243: E-Commerce Information Systems (4)
244 Systems Analysis (4)		
	LCC	CIS 244: Systems Analysis (4)
	LBCC	CS 244: Systems Analysis and Project Management (4)
	MHCC	CS 244: Introduction to Systems Analysis (3)
	PCC	CIS 244: Structured Systems Analysis (4)
	SWOCC	CS 244: Systems Analysis (3)
	TVCC	CS 244: System Analysis and Design (4)
	UCC	CIS 244T: Systems Analysis (4)
246 Systems Design (4)		
	SWOCC	CS 246: Systems Design (3)
OCCC CS/CIS Common Course Numbers http://cs.blueecc.edu/occc	Community College	Course Number, Title, and Credit
246 Systems Design (4) (cont)	UCC	CIS 246T: Systems Design (4)
247 Information Analysis (4)		
	LCC	CIS 247: Information Analysis (4)
248 UNIX/C (4)		
	TVCC	CS 248: Unix Programming (3)
249 Advanced UNIX/C (4)	<i>None Available</i>	<i>None Available</i>
250 Discrete Structures (4)	<i>None Available</i>	<i>None Available</i>
251 Logical Structures (4)	<i>None Available</i>	<i>None Available</i>
252 Computational Structures (4)	<i>None Available</i>	<i>None Available</i>
260 Data Structures (4)		
	BMCC	CS 260: Data Structures (4)

	CLACK	<i>CS 260: Data Structures (4)</i>
	CLAT	<i>CS 260: Data Structures (4)</i>
	LCC	<i>CS 260: Data Structures 1 (4)</i>
	MHCC	<i>CS 260: Data Structures (4)</i>
	PCC	<i>CS 260: Data Structures (4)</i>
	RCC	<i>CS 260: Data Structures I (4)</i>
	TVCC	<i>CS 260: Data Structures I (3)</i>
261 Programming Systems (4)		
	LBCC	<i>CS 261: Data Structures (Java) (4)</i>
	PCC	<i>CS 261: Programming Systems (4)</i>
	SWOCC	<i>CS 261: Data Structures (4)</i>
271 Computer Architecture (4)		
	CLAT	<i>CS 271: Computer Architecture (4)</i>
	LBCC	<i>CS 271: Computer Architecture and Assembly Language (4)</i>
	PCC	<i>CS 271: Computer Architecture (4)</i>
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
271 Computer Architecture (4) (cont)	RCC	<i>CS 271: Computer</i>
275 Database I (4)		
	COCC	<i>CIS 275: Database Theory/SQL (4)</i>
	CLACK	<i>CS 275: Database Design (3)</i>
	KCC	<i>CIS 275: Data Base Program Development (4)</i>
	LCC	<i>CS 275: Database Program Development (4)</i>
	LBCC	<i>CS 275: Database Systems: SQL and Oracle (4)</i>
	PCC	<i>CIS 275: Data Modeling and SQL Intro (4)</i>
	RCC	<i>CS275: Database Development I (4)</i>
	TBCC	<i>CIS 275: I Database Development I (4)</i>
	UCC	<i>CIS 275T: Advanced DBMS Programming I (4)</i>
276 Database II (4)		
	PCC	<i>CIS 276: Advanced SQL (4)</i>
	TBCC	<i>CIS 276: Database Development II (4)</i>

	UCC	CIS 276T: Advanced DBMS Programming II (4)
277x Advanced Database Topics (4)		
	PCC	CIS 277O: Adv Database Concepts-Oracle (4)
278 Data Communications (4)		
	CLAT	CS 278: Data Communications and Networking (3)
	KCC	CIS 278: Communications: Wide Area Network (4)
	MHCC	CIS 278A: communication Technologies (2)
	SWOCC	CS 278: Data Communications (3)
	TBCC	CIS 278: Data Communication Concepts II (4)
	UCC	CIS 278T: Data Communications (4)
279 Network Management I (4)		
	COCC	CIS 279AD: Windows 2000 Active Directory Services (4) CIS 279NE: Managing a Windows 2000 Netowrk Environment CIS 279NI: Windows 2000 Network Infrastructure Administration (4) CIS 279P: Windows 2000 Professional (4)
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
279 Network Management I (4) (cont)	COCC (cont)	CIS 279S: Windows 2000 Server (4) CIS 279XP: Windows XP Professional (4)
	CLACK	CS 279N: LAN I: Novell Administration (4) CS 279W: LAN I: Windows Server Administration (4)
	CLAT	CS 279: Network Management I (3)
	KCC	CIS 279: Communications: Local Area Network (4)
	LCC	CS 279: Local Area Networks (4)
	LBCC	CS 279: Network Management (4)
	MHCC	CIS 279A: Novell System Management (3) CIS 279B: Internet Security (2) CIS 279C: Internet Firewalls (2) CIS 279S: Windows Server Operating System (4)
	PCC	CISL: Linux Network Administration (4)

	RCC	<i>CS 279: Network Operating Systems (4)</i>
	SWOCC	<i>CS 279: Network Management I (Network Hardware)</i>
	UCC	<i>CIS 279T: Microcomputer Networking (4)</i>
280 CWE Computer Science (4)		
	BMCC	<i>CS 280: Cooperative Work Experience (1-8)</i>
	COCC	<i>CIS 280: Co-op Work Experience CIS (1-3)</i>
	CLACK	<i>CS 280: Computer Science/CWE (3-6)</i>
	KCC	<i>CIS 280: Coop Work Experience: Computer Information Systems (Variable Credit)</i>
	LCC	<i>CS 280CN: Cooperative Education: Computer Network Operations (3-12)</i> <i>CS 280DP: Cooperative Education: Data Processing (3-12)</i> <i>CS 280PR: Cooperative Education: Programming (3-12)</i> <i>CS 280US: Cooperative Education: Computer User Support (3-12)</i>
	LBCC	<i>CS 280: CWE Computer Systems (1-14)</i>
	MHCC	<i>CIS 280: Capstone Practicum (4)</i>
	PCC	<i>CIS 280D CE: Application Development (0)</i>
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
280 CWE Computer Science (4) (cont)	RCC	<i>CS 280: Cooperative Education/Computer Science (Variable Credit)</i>
	SWOCC	<i>CS 280: Field Experience (1-10)</i>
	TBCC	<i>CIS 280D: Cooperative Education: Application Development (1-4)</i>
	UCC	<i>CIS 280T: Cooperative Work Experience: Computer Information Systems (2-11)</i>
281 Robotics (4)		
	CLAT	<i>CS 281: Cooperative Work Experience Seminar: Computer Information Systems (1)</i> <i>CS 281: Cooperative Work Experience Seminar: Microcomputer Applications (1)</i>

	TVCC	CS 281: Intro to Robotics (4)
284 Network Security I (4)		
	CLACK	CS 284: Network Security (3)
	KCC	CIS 284: Network Security (4)
	LBCC	CS 284: Introduction to Computer Security and Information Assurance (4)
	MHCC	CIS 284: Network Security Fundamentals (4)
	PCC	CIS 284: Network Security (4)
285 Network Security II (4)	<i>None Available</i>	<i>None Available</i>
286 Network Security II (4)	<i>None Available</i>	<i>None Available</i>
287x Network Applications (4)		
	CLACK	CS 287x: Microsoft Exchange Server (2)
288 Network Management II (4)		
	CLACK	CS 288W: LAN II: TCP/IP (4) CS 289A: Web Server Administration: Apache Web Server (2) CS 289I: Web Server Administration: Internet Information Server (2)
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
288 Network Management II (4) (cont)	CLAT	CS 288: Network Management II (3)
	RCC	CS 288: Network Operating Systems II (4)
	SWOCC	CS 288: Network Management II (Network Software and Administration) (4)
	UCC	CIS 288T: Advanced Microcomputer Networking (4)
289x Advanced Network Topics (4)	<i>None Available</i>	<i>None Available</i>
295 Web Development II (4)		
	BMCC	CS 295: Web Development (4)
	COCC	CIS 295: Web Development II (4)

	CLACK	<i>CS 295: Website Technologies II (3)</i> <i>CS 295E: FrontPage & Web Design for Educators (1)</i>
	CLAT	<i>CS 295: Computer Information Systems Directed Project (4)</i>
	MHCC	<i>CIS 295AS: ASP and Databases (4)</i>
		<i>CIS 295VB: VB Script (2)</i>
	RCC	<i>CS 295W: Web Application Development (4)</i>
	TVCC	<i>CS 295A: Web Design II (3)</i>
		<i>CS 295B: Web Dynamics (3)</i>
	UCC	<i>CIS 295T: Authoring for the World Wide Web II (4)</i>
298 Independent Research (4)		
	BMCC	<i>CS 298: Special Studies (1-3)</i>
	RCC	<i>CS 298: Internship/Capstone Project I: Computer Science (Variable Credit)</i>
	SWOCC	<i>CS 298: Independent (1-3)</i>
	UCC	<i>CIS 298T: Independent Study: Computer Information Systems (1-3)</i> <i>CS 298: Independent Study: Computer Science (1-3)</i>
299 Special Topics (4)		
	RCC	<i>CS 299: Advanced Special Studies: Computer Science (Variable Credit)</i>
OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc	Community College	Course Number, Title, and Credit
OTHER		
	BMCC	<i>CS 20: Computer Orientation (1)</i> <i>CS 80: Introduction to Personal Computers (1-3)</i> <i>CS 90/95: Personal Computer Applications</i>
	COCC	<i>CIS 10: Computer Keyboarding (1)</i> <i>CIS 25A: Word/Beginning (1)</i> <i>CIS 25B: Word/Intermediate (1)</i> <i>CISD: Word/Desktop Publishing (1)</i> <i>CIS 60WN: Introduction to Computers: Windows (1)</i>

		<p>CIS 80WN: Windows: Basic (1) CIS 94: Beginning Internet (1) CIS 96: Introduction to WWW Design (1) CIS 99: Selected Topics: Computer and Information Systems (1-4)</p>
CLACK		<p>CS 90: Computers for New Users (2) CS 91: Computers for New Users II (2) CS 92S: Computers for New Users, Spanish (3) CS 93S: Computers for New Users II, Spanish (3) CS 229: Network System Repair & Troubleshooting (4)</p>
CLAT		CS 163: Computer Science III (4)
LCC		CIS 270: Programming Information Systems (5)
LBCC		CS 2.589: Reading and Conference: Computer Systems (1-10)
MHCC		<p>CIS 90: Computing Applications (1) CIS 144: Problem Solving Methodologies (3)</p>
OCCC		CS 105: Introduction to MS Windows (3)
RCC		CS 60: PC Basics I (2)
RCC		<p>CS 290P: Protocol Analysis (4) CS 290W: Web Server Management (4)</p>
SWOCC		<p>CIS 2280: Work Experience (1-4) CIS 6243: Network Academy Fundamentals I (3) CIS 6244: Network Academy Fundamentals II (3) CIS 6245: Network Academy Fundamentals III (3)</p>
<p>OCCC CS/CIS Common Course Numbers http://cs.bluecc.edu/occc</p>	Community College	Course Number, Title, and Credit
OTHER (cont)	SWOCC (cont)	<p>CIS 6246: Network Academy Fundamentals IV (3) CIS 6247: Network Academy Fundamentals V: Cisco Advanced Routing (5) CIS 6248: Network Academy Fundamentals VI: Cisco Advanced WAN Configuration (5) CIS 6249: Network Academy Fundamentals VII: Cisco Multilayer Switching (5) CIS 6250: Network Academy Fundamentals VIII: Cisco</p>

	<p>Internetwork Troubleshooting (5)</p> <p>CIS 6260: Computer Technical Theory I: A+ Certification Preparation (3)</p> <p>CIS 6261: Computer Technician Theory II: Server+ Certification Preparation (3)</p> <p>CS 2635: Computer Repair and Upgrade (3)</p>
TVCC	CS 253: Web Server (3)
UCC	<p>CIS 90: Computer Skills – WordProcessing (1)</p> <p>CIS 92: Computer Skills – File Management (1)</p> <p>CIS 94: Computer Skills – Windows (1)</p> <p>CIS 96: Computer Skills – Internet (1)</p> <p>CIS 99: Computer Skills - Online Research (1)</p> <p>CIS 111T: Microcomputer Configuration (4)</p> <p>CIS 150CT: Cisco Networking Fundamentals I (2)</p>