



20000 68th Ave W  
Lynnwood, WA 98036-5999  
www.edcc.edu

# Computer Information Systems

## Certificates of Completion Program Requirements 2011-2012

Student Name \_\_\_\_\_  
Student ID \_\_\_\_\_

Department Website     <http://cis.edcc.edu>

**Program Description** The CIS department features many short certificates. These certificates are made up of clusters of related courses that can prepare students for specific work-related job functions.

**Credit/Grade Requirements** All required credits must be earned at Edmonds Community College. Students are required to maintain a minimum cumulative grade point average of 2.0 in all college-level courses as well as a minimum grade point average of 2.8 within the program requirements.

**Students Are Advised To**

1. Plan their schedule several quarters in advance in order to accommodate courses that are offered only once or twice a year
2. Review the college catalog for required course prerequisites and include these in schedule planning
3. Communicate with a faculty adviser

**Graduation Application** A completed Certificate of Completion application form should be submitted to Enrollment Services AFTER your final class has been completed. Forms are available at Enrollment Services located in Lynnwood Hall.

**Advisers**

The advisers for these programs vary. Please contact [cispa@edcc.edu](mailto:cispa@edcc.edu) or 425-640-1902 for more information

Required Courses	A total of 10 to 15 credits in required courses must be completed in a single area for each of the certificates listed below		Qtr	Credit	Grade
<b>Application Specialist -- (15 credits)</b>					
CIS 100	Intro to Business Computing	OR	_____	5	_____
BSTEC 130	Computer Fundamentals		_____	5	_____
CIS 102	Intermediate Business Computing		_____	5	_____
CIS 125	Network Workstation		_____	5	_____
<b>PGM Code - 518D</b>					
<b>Technical Support – (15 credits)</b>					
CIS 125	Network Workstation		_____	5	_____
CIS 161	A+ Hardware Support I		_____	5	_____
CIS 162	PC Desktop Support		_____	5	_____
<b>PGM Code - 509D</b>					
<b>Operating Systems -- (15 credits)</b>					
CIS 125	Network Workstation		_____	5	_____
CS 125	Linux/UNIX I		_____	5	_____
CIS 264	Active Directory Admin		_____	5	_____
<b>PGM Code – 515G</b>					

Required Courses	A total of 10 to 15 credits in required courses must be completed in a single area for each of the certificates listed below		Qtr	Credit	Grade
<b>Cisco Networking -- (15 credits)</b>					
CIS 171	Cisco Networking I		_____	5	_____
CIS 172	Cisco Networking II		_____	5	_____
CIS 173	Cisco Networking III		_____	5	_____
<b>PGM Code - 501H</b>					
<b>Intermediate Cisco -- (10 credits)</b>					
CIS 173	Cisco Networking III		_____	5	_____
CIS 174	Cisco Networking IV		_____	5	_____
<b>PGM Code - 501B</b>					
<b>Information Security -- (15 credits)</b>					
CIS 272	Digital Forensics I		_____	5	_____
CIS 274	Intro to Network Security		_____	5	_____
CIS 275	Host System Security I		_____	5	_____
<b>PGM Code - 506D</b>					
<b>Security Implementation -- (15 credits)</b>					
CIS 277	Security Implementation I		_____	5	_____
CIS 278	Security Implementation II		_____	5	_____
CIS 279	Designing Network Security		_____	5	_____
<b>PGM Code - 506E</b>					
<b>Host System Security -- (15 credits)</b>					
CIS 264	Active Directory Admin		_____	5	_____
CIS 275	Host System Security I		_____	5	_____
CIS 276	Host System Security II		_____	5	_____
<b>PGM Code - 506F</b>					
<b>Computer Forensics -- (15 credits)</b>					
CIS 272	Digital Forensics I		_____	5	_____
CIS 273	Digital Forensics II		_____	5	_____
CIS 293	Digital Forensics III		_____	5	_____
<b>PGM Code - 506G</b>					
<b>Database -- (15 credits)</b>					
CIS 250	Database Theory & Design		_____	5	_____
CIS 251	Structured Query Language (SQL)		_____	5	_____
CIS 253	Application Development Tools		_____	5	_____
<b>PGM Code - 503D</b>					
<b>Database Theory -- (15 credits)</b>					
CIS 220	Enterprise Architecture		_____	5	_____
CIS 235	Requirements Modeling		_____	5	_____
CIS 250	Database Theory & Design		_____	5	_____
<b>PGM Code - 503J</b>					

Required Courses	A total of 10 to 15 credits in required courses must be completed in a single area for each of the certificates listed below		Qtr	Credit	Grade
<b>Requirements Analysis -- (15 credits)</b>					
CIS 233	Systems Analysis		_____	5	_____
CIS 235	Requirements Modeling		_____	5	_____
CIS 250	Database Theory & Design		_____	5	_____
<b>PGM Code - 514A</b>					
<b>Systems Development -- (15 credits)</b>					
CIS 233	Systems Analysis		_____	5	_____
CIS 234	Systems Design & Development		_____	5	_____
CIS 253	Application Development		_____	5	_____
<b>PGM Code - 514B</b>					
<b>Systems Architecture -- (15 credits)</b>					
CIS 125	Network Workstation		_____	5	_____
CIS 171	Cisco Networking I		_____	5	_____
CIS 220	Enterprise Architecture		_____	5	_____
<b>PGM Code - 533A</b>					
<b>Web Development -- (15 credits)</b>					
CIS 241	Web Development I		_____	5	_____
CIS 242	Web II JavaScript		_____	5	_____
CIS 243	Web III Intro to PHP		_____	5	_____
<b>PGM Code - 524D</b>					

<b>Adviser's Signature</b>	<b>Date</b>	<b>Dean's Signature</b>	<b>Date</b>