



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

Computer Information Systems Business Systems Analyst Advanced Certificate Program Requirements 2010-2011

Student Name _____
Student ID _____

Program Description This advanced certificate emphasizes a systems approach to understanding and solving business problems specifically related to the acquisition or development of information systems. The core courses introduce students to a variety of methods and tools for understanding problems and identifying system requirements.

This certificate will prepare students for a variety of roles that require the ability to research problems, gather requirements, document system specifications and make recommendations for information systems. Upon completion of this certificate students may be qualified for the following jobs

- Systems analyst
- Business analyst
- Programmer analyst
- Technical writer
- Information Technology Analyst
- Business Requirements Analyst
- I.T. Project Manager

Degree Outcomes For information on degree outcomes see www.edcc.edu/outcomes/degrees.php.

Common Course Numbering Changes Please refer to www.edcc.edu/ccn for more information.

Entry Requirements

This certificate **begins at an advanced level and is designed for students already in the IT field.** Students entering this program will need to complete a portfolio of prior learning by taking CIS 116. The portfolio will be used to waive entry-level courses and place students in the appropriate advanced courses. Please see a CIS faculty adviser for more information.

Certificate Requirements This certificate is awarded upon a student's completion of a minimum of **41 credits of Program Requirements** as outlined. A minimum of 30 credits or one-third of the required credits, whichever is less, 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 planning to continue on to 2-year degrees should plan ahead while working toward their certificate. For a smooth transition from certificate to degree, students should see a CIS adviser at their earliest opportunity.

Students Are Advised To

- Plan their schedule several quarters in advance in order to accommodate courses that are offered only once or twice a year
- Review the college catalog for required course prerequisites and include these in schedule planning
- Check plans with the appropriate faculty adviser

Graduation Application A completed Graduation Application form must be submitted to Enrollment Services by the 10th day of the quarter in which the student expects to graduate. Forms are available at Enrollment Services located in Lynnwood Hall, or online at www.edcc.edu/credentials/

More information about the CIS program is available by visiting the web site below or by calling 425-640-1902.

Adviser The adviser for this certificate is
Eva Smith esmith@edcc.edu 425-640-1171

College Resources

CIS Department	http://cis.edcc.edu
Home Page	http://www.edcc.edu
How to enroll	http://getstarted.edcc.edu
Bookstore	http://www.edcc.edu/bookstore
Advising Appointments	425-640-1458

_____	_____	_____	_____
Adviser's Signature	Date	Dean's Signature	Date

PGM 503L

This requirement sheet is not a substitute for meeting with an academic adviser. Meeting the requirements to graduate with an Edmonds Community College certificate or degree is ultimately the responsibility of the student.

	Course	Cr	Trans	Grade
I.	Core Program Requirements (31 credits)			
	CIS 116	Prior Learning Assessment	1	_____
	CIS 220	Enterprise Architecture	5	_____
	CIS 233	Systems Analysis	5	_____
	CIS 234	Systems Design & Development	5	_____
	CIS 235	Requirements Modeling	5	_____
	CIS 250	Database Theory & Design	5	_____
	CIS 253	Application Development Tools	5	_____
II.	Electives Programming or Business Management Concentration (10 Credits)			
	Recommended Choices (Choose two of the following)			
	CIS 241	Web Development I	5	_____
	CIS 256	Data Warehousing Fundamentals	5	_____
	CIS 298	Advanced Individual Project	5	_____
	CS 115	Intro to Programming	5	_____
	MGMT 215	Business Information Management	5	_____
	MGMT 270	Project Management I Project Scope	5	_____
	Other (as Approved by Adviser)			
	_____	_____	5	_____
	_____	_____	5	_____

Prerequisites

Class	Prerequisite
CIS 220	CIS 125 or CIS 116
CIS 233	35 credits toward an ATA degree, including at least 1 writing course
CIS 234	CIS 233, CIS 253 or programming course
CIS 250	20 credits toward a CIS degree or CIS 116
CIS 253	CS 115 (was CMPSC 115), CIS 250 (or concurrent enrollment)
CIS 235	CIS 250, CIS 233
MGMT 215	None

NOTE These prerequisites may be waived by completing a prior learning portfolio in CIS 116, or by attaining instructor permission prior to registering for the course