Computer Information Systems Business Systems Analyst Advanced Certificate
Program Requirements
2009-2010

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 require   ents.

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: Attention!
At this time, 408 courses have had numbering changes due to the common course numbering project. It is important for you to plan your schedule carefully. 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 **40** 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:
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. 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.

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

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 (30 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	Comparative Modeling	5	____	____
	CIS	250	Database Theory & Design	5	____	____
	CIS	253	Application Development	5	____	____

II. Electives: Programming or Business Management Concentration (10 Credits)
Recommended Choices: (Choose two of the following)

				Cr	Trans	Grade
	CIS	241	Web Development I	5	____	____
	CIS	256	Data Warehousing Fundamentals	5	____	____
	CIS	298	Adv 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)

		Cr	Trans	Grade
_____		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, 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.