Computer Information Systems
Database Information Technologies
Associate of Technical Arts Degree
Program Requirements
2009-2010

Student Name _____

Student ID _____

Program Description: This degree is designed for individuals with experience or prior training in Information Technology who wish to augment their current occupation or acquire new abilities to advance their job skills and qualifications. Individuals completing this degree may qualify for employment in a variety of roles including, database designers, developers or administrators, business or systems analysts, or information technology management.

Topics covered in the core courses and related / specialized studies map to the Certified Data Management Professional (CDMP) exams, administered through the Institute for Certification of Computing Professionals (http://www.iccp.org), and are continually being added and updated to meet industry needs.

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: Students entering CIS programs will need to contact Enrollment Services and take both the English and Math placement tests. Students should bring the results of these tests to their first advising appointment with a CIS adviser for proper placement into the program. In addition, some CIS certificates and degrees begin at an advanced level and are designed for students already in the IT field. Students entering these programs may 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 adviser for more information.

The prerequisite for the required math course, CIS 114 Math and Problem Solving, is placement into MATH 080. Students with ACCUPLACER scores below the required level should take the appropriate math prerequisites and plan their schedule accordingly.

Credit/Grade Requirements: This degree is awarded upon a student's completion of a minimum of **96** 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 2.00 in all college-level courses as well as a minimum grade point average of 2.8 within the program requirements.

PGM Code – 503T
Effective summer 2009

General Education/Related Instruction Requirements:
Students who complete degrees or certificates of 45 credits or more are required to demonstrate learning in the following general education/related instruction areas: communications, computation/quantitative skills, and human relations/group interaction.

Cultural Diversity Requirement: Edmonds Community College requires that students earning a degree or certificate of 45 credits or more meet the Cultural Diversity Requirement. Courses that satisfy this requirement are marked as "-CD" on the requirement sheet and/or "Meets Cultural Diversity Requirement" in the quarterly class schedule.

Career Management Requirement: Students obtaining ATA degrees are required to take at least 1 credit of career management, which can be satisfied by taking either CIS 116 or CIS 280.

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.
4. See the CIS website to determine when courses are generally offered.

CWU Transfer: This ATA degree transfers directly to Central Washington University's Bachelors in Information Technology and Administrative Management on the Edmonds Community College campus. Students must complete specific requirements for English, math and logic. For more information, see the CWU BAS-ITAM link below or CWU adviser at WatkinsSh@cwu.EDU.

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 on-line at http://cis.edcc.edu or call 425-640-1902.

College Resources:
CIS Department: http://cis.edcc.edu
CWU BAS-ITAM   http://cwww.cwu.edu/~itam/
Home Page: http://www.edcc.edu
How to enroll: http://getstarted.edcc.edu
Bookstore: http://bookstore.edcc.edu Advising
Appointments: 425-640-1458

Rev 01/09

		Course	Cr	Trans	Grade
I.	**General Education /Related Instruction Requirements** (16 credits)				
	Communication Skills - 5 credits **(Choose ONE of the following)**				
	BSTEC 110	Business Communications-CD	5	____	____
	ENGL& 101	English Composition I* (CWU Transfer)	5	____	____
	ENGR 231	Intro to Technical Writing	5	____	____
	Computation/Quantitative Skills - 5 credits				
	CIS 114	Math and Problem Solving	5	____	____
	Bachelor's Transfer Math*_____		5	____	____
	Human Relations/Group Interaction - 5 credits				
	(Choose ONE of the following)				
	MGMT 100	Human Rel/Organiz-CD	5	____	____
	CMST& 230	Group Decision Making	5	____	____
	CMST& 210	Interpersonal Communication	5	____	____
	Career Management - 1 credit **(Choose ONE of the following)**				
	CIS 116	IT Prior Learning Assessment	1	____	____
	CIS 280	Career Planning	1	____	____
II.	**Program Requirements** (65 credits)				
	Enterprise Systems Analysis and Design - 20 credits				
	CIS 220	Enterprise Architecture	5	____	____
	CIS 233	Systems Analysis	5	____	____
	CIS 234	Systems Design & Development	5	____	____
	CIS 235	Comparative Modeling	5	____	____
	Data Management Principles and Technologies - 35 credits				
	CIS 250	Database Theory & Design	5	____	____
	CIS 251	Structured Query Language (SQL)	5	____	____
	CIS 252	Database Implementation and Administration	5	____	____
	CIS 253	Application Development Tools	5	____	____
	CIS 256	Data Warehousing Fundamentals	5	____	____
	CIS 260	Intro to XML	5	____	____
	CIS 265	Database Procedures & Functions	5	____	____
	Business Management - 10 credits				
	MGMT 215	Business Information Management	5	____	____
	MGMT 270	Project Management I: Project Scope	5	____	____
III.	**Electives (**minimum of 15 credits as approved by an Adviser)				
	___ ___ _____		5	____	____
	___ ___ _____		5	____	____
	___ ___ _____		5	____	____

☐ Cultural Diversity Requirement met_____
Course Number/Quarter

*Students who plan to transfer credits toward a Bachelor's degree should take ENGL &101 and should consult an adviser
regarding the transfer Math requirement.

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