



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

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

Student Name _____
Student ID _____

Program Description: Our broad-based curriculum produces skilled people who can move into a wide range of high-tech Information Technology careers. Our base curriculum includes: in-depth use of MS Office Professional, software support, hardware support, database theory and design, programming using Visual Basic, web development, networking and a two-course sequence in systems analysis and design.

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 ATA degree is awarded upon completing a minimum of **91** credits of *Program Requirements and Electives* as outlined. A minimum of 30 credits or one-third, whichever is less, of the required credits must have been received from 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.

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:

PGM Code – 514T
Effective summer 2009

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://www.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

Course	Cr	Trans	Grade
1. General Education/Related Instruction Requirements (21 Credits)			
Communication Skills -10 credits			
BSTEC 110 Business Communications-CD	5	_____	_____
BSTEC 245 Advanced Business Communications	5	_____	_____
ENGL 100 Intro to College Writing* (CWU transfer)	5	_____	_____
ENGL& 101 English Composition I* (CWU transfer)	5	_____	_____
ENGL& 102 Composition II* (CWU transfer)	5	_____	_____
ENGR 231 Intro to Technical Writing	5	_____	_____
Computation/Quantitative Skills -5 credits (Choose ONE of the following)			
CIS 114 Math and Problem Solving	5	_____	_____
MATH& 141 Precalculus I* (CWU transfer)	5	_____	_____
MATH 140 Business Precalculus* (CWU transfer)	5	_____	_____
Bachelor's Transfer Math* _____	5	_____	_____
Career Management – Minimum 1 credit			
CIS 116 IT Prior Learning Assessment	1-10	_____	_____
CIS 280 Career Planning **	1	_____	_____
Human Relations/Group Interaction - 5 credits			
CIS 162 PC Software Support	5	_____	_____
II. Program Requirements (55 Credits)			
CIS 100 Intro to Business Computing	5	_____	_____
OR			
BSTEC 130 Computer Fundamentals	5	_____	_____
CIS 102 Intermediate Business Computing	5	_____	_____
CS 115 Intro to Programming	5	_____	_____
CIS 125 Network Workstation	5	_____	_____
CIS 161 A+ Hardware Support I	5	_____	_____
CIS 171 CISCO Networking I	5	_____	_____
CIS 233 Systems Analysis	5	_____	_____
CIS 234 Systems Design and Development	5	_____	_____
CIS 250 Database Theory and Design	5	_____	_____
CIS 253 Application Development	5	_____	_____
CEN 264 Server Administration	5	_____	_____
III. Electives (Minimum 15 credits)			
Minimum of 15 additional credits as approved by a CIS adviser, or you may select from CIS/CEN/CS Certificates of Completion where the courses do not overlap program requirements. Please see the Certificate of Completion planning sheets for each department at http://requirements.edcc.edu/COC.php .			
_____	5	_____	_____
_____	5	_____	_____
_____	5	_____	_____

Cultural Diversity Requirement Met _____
 Course Title/Number

Explanatory Notes:

- * Students who plan to transfer credits toward a Bachelor's degree should take ENGL &101 and ENGL &102 and should consult an adviser regarding the transfer Math requirement.
- ** JOBDV 110 or JOBDV 130 may be substituted for CIS 280.

_____ Adviser's Signature	_____ Date	_____ Dean's Signature	_____ Date
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PGM Code – 514T

Edmonds Community College

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.

Computer Information Systems

Associate of Technical Arts Degree

Course Scheduling Guide

2009-2010

*The following course scheduling guide is intended to be only a planning tool;
Use it as a guide to determine your schedule of courses.*

This ATA degree requires 91 credits. The recommended sequence of courses below is designed to meet course prerequisites and availability, as well as to avoid time conflicts. Students should follow one of these schedules whenever possible. All courses are 5 credits unless otherwise indicated. Contact a CIS adviser before making adjustments. See the CIS program requirement sheet for course titles.

For a student who starts in fall:

	SUMMER	FALL	WINTER	SPRING
First Year	Prep courses? *	CIS 100	CIS 102	CIS 253
		CIS 114	CS 115	CIS 250
		WRITING CRS **	CIS 125	
Second Year	CIS 162	Elective***	CIS 233	CIS 234
		WRITING CRS **	CIS 280 (1 credit)	CEN 264
		Elective ***	Elective ***	CIS 116 (1 credit)
		CIS 171		Elective ***

For a student who starts in winter:

	SUMMER	FALL	WINTER	SPRING
First Year	Prep courses? *	Prep courses? *	CIS 100	CIS 125
			CIS 114	CS 115
			WRITING CRS **	WRITING CRS **
Second Year	CIS 102	CIS 253	CIS 233	CIS 234
	Elective ***	CIS 161	CIS 171	CEN 264
	Elective ***	CIS 250	CIS 280 (1 credit)	CIS 116 (1 credit)
			Elective ***	CIS 162

For a student who starts in spring:

	SUMMER	FALL	WINTER	SPRING
First Year		Prep courses? *	Prep courses? *	CIS 100
				CIS 114
				WRITING CRS **
Second Year	CS 115	CIS 250	CIS 233	CIS 234
	CIS 125	CIS 161	CIS 171	CEN 264
	CIS 102	CIS 253	WRITING CRS **	CIS 162
			CIS 280 (1 credit)	CIS 116 (1 credit)
Third Year	Elective ***	Elective ***		
		Elective ***		

Notes:

- * Some students may need preparation courses in English or math.
- ** Writing courses: Students planning to transfer EdCC courses toward a Bachelor's degree should take ENGL& 101 and ENGL &102
- *** Students may finish Electives in summer of third year, if needed.

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