



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

Computer Information Systems Associate of Technical Arts Degree Program Requirements 2011-2012

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 Outcomes for Edmonds Community College degrees and certificates can be found in the online college catalog at the bottom of each degree or certificate. To find specific outcomes, click on the degree or certificate from the program list in the online catalog at <http://catalog.edcc.edu>.

Common Course Numbering Changes 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 *General Education/Related Instruction Requirements, 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: 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

- 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
- See the CIS website to determine when courses are generally offered

CWU Transfer This ATA degree transfers directly to Central Washington University's Bachelor's 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 linklett@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 Desktop Support	5	_____	_____
II. Program Requirements (50 Credits)					
CIS	100	Intro to Business Computing	5	_____	_____
OR					
BSTEC	130	Computer Fundamentals	5	_____	_____
CIS	102	Intermediate Business Computing	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	_____	_____
CS	115	Intro to Programming	5	_____	_____
III. Electives (Minimum 20 credits)					
Minimum of 20 additional credits as approved by a CIS adviser. You may want to work towards additional CIS or CS Certificates or Certificates of Completion where the courses do not overlap program requirements. Please see additional planning sheets for each department at http://requirements.edcc.edu					
_____	_____	_____	5	_____	_____
_____	_____	_____	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

PGM Code – 514T

Effective summer 2011

Rev 02/11

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.

Edmonds Community College
Computer Information Systems
 Associate of Technical Arts Degree
 Course Scheduling Guide
 2011-2012

*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 **	Career planning credit	Elective***
		Elective ***	Elective ***	Career planning 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	Elective***
	Elective ***	CIS 250	Career planning credit	Career planning 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	Elective***
	CIS 102	CIS 253	WRITING CRS **	CIS 162
			Career planning credit	Career planning 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