



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

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

Student Name _____
Student ID _____

Program Description This broad-based curriculum teaches the skills students need to enter a wide range of Web Development careers. This curriculum is a cross-disciplinary approach to the emerging technologies being used on the Internet and the World Wide Web and teaches students how to learn and adapt to emerging technologies. This degree will help individuals prepare for employment in web database development and administration, web programming and application development, and web development and administration.

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 **96** 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 CIS 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
I. General Education /Related Instruction Requirements* (16 credits)			
Communication Skills - 5 credits (Choose ONE of the following):			
BSTEC 110 Business Communications:CD	5	_____	_____
BSTEC 245 Adv Business Communications	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 140 Business Precalculus* (CWU transfer)	5	_____	_____
MATH& 141 Precalculus I* (CWU transfer)	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& 101 Introduction to Communications:CD	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)			
ART 225 Graphic Design I	5	_____	_____
CIS 233 Systems Analysis	5	_____	_____
CIS 234 Systems Design & Development	5	_____	_____
CIS 241 Web Development I	5	_____	_____
CIS 242 Web II JavaScript	5	_____	_____
CIS 243 Web III Intro to PHP	5	_____	_____
CIS 244 Web IV Intro to SEO	5	_____	_____
CIS 250 Database Theory & Design	5	_____	_____
CIS 251 Structured Query Language (SQL)	5	_____	_____
CIS 260 Intro to XML	5	_____	_____
CS 115 Intro to Programming	5	_____	_____
CS 290 Intro to Software Testing	5	_____	_____
MGMT 270 Project Management I Project Scope	5	_____	_____
III. Electives (15 credits)			
Minimum of 15 additional credits as approved by a CIS adviser			
_____	5	_____	_____
_____	5	_____	_____
_____	5	_____	_____

Cultural Diversity Requirement met _____
 Course Number/Quarter

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

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