Network Technology
Associate of Technical Arts
Degree
Program Requirements
2011-2012

Student Name _____

Student ID _____

Program Description Students in the Network Technology ATA degree program will learn the interaction between the software and the hardware of computers and computer network systems. Upon completion of the degree, students will have followed curriculum and instruction that will allow them to prepare for and take the following industry certification exams

- A+
- Net+
- Cisco Certified Network Associate (CCNA)
- Windows Server 2008 70-640

Topics included in the degree

- Install, troubleshoot, upgrade and repair stand-alone computers
- Install, wire, configure, administer, maintain, and troubleshoot complex Local Area Networks
- Install, configure and troubleshoot Microsoft Windows Server
- Set up and configure network protocols
- Install, configure, maintain, and troubleshoot Cisco routers
- Design LANs and WANs

Upon graduation, students may be qualified for entry-level employment in the following areas: LAN administration, a variety of positions in the networking field, desktop support, help desk support, and PC support.

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 this program 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/CEN advisor 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/CEN faculty adviser for more information.

Credit/Grade Requirements This ATA degree is awarded upon completing the **98** 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, 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, as listed on the next page.

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 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 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/

College Resources

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

Course			Qtr	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	_____	_____
Computation/Quantitative Skills – 5 credits **(Choose 5 credits of the following)**						
CIS	114	Math and Problem Solving	_____	5	_____	_____
CEN	150	Applied Math for Electronics	_____	3	_____	_____
CEN	166	Math for Networks	_____	2	_____	_____
Bachelor's Transfer Math*_____			_____	5	_____	_____
Career Management – Minimum 1 credit **(Choose ONE of the following)**						
CIS	116	IT Prior Learning Assessment	_____	1	_____	_____
CIS	280	Career Planning	_____	1	_____	_____
Human Relations/Group Interaction - 5 credits						
CIS	162	PC Desktop Support	_____	5	_____	_____
II. Program Requirements (82 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	163	A+ Hardware Support II**	_____	5	_____	_____
CIS	171	CISCO Networking I	_____	5	_____	_____
CIS	172	CISCO Networking II	_____	5	_____	_____
CIS	173	CISCO Networking III	_____	5	_____	_____
CIS	174	CISCO Networking IV	_____	5	_____	_____
CIS	180	Wireless Networking	_____	5	_____	_____
CIS	185	Intro to Windows Servers	_____	2	_____	_____
CIS	264	Active Directory Admin	_____	5	_____	_____
CIS	265	Network Administration	_____	5	_____	_____
CIS	266	Server Administration	_____	5	_____	_____
CIS	267	Exchange Server	_____	5	_____	_____
CIS	268	ISA Server	_____	5	_____	_____
CEN	210	Electronics for A+	_____	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 should consult an adviser regarding the transfer Math requirement

**   Students who complete CIS 100, 102, 125, 161, 162 and 163 may additionally earn the CIS Desktop Support Specialist Certificate

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