



Computer Information Systems

- Computer Information Systems - Transfer
- Computer Information Technology
- Computer Support Technician
- Casino Gaming Systems

GENERAL INFORMATION

EvCC offers an **Associate in Applied Science (Transfer) in Computer Information Systems (CIS)**. The courses required for this degree are outlined on the reverse side, and provide learners with education that is relevant to broad-based aspects in business and industry environments, from operating systems, to networking, to database management, to security. **This degree is designed specifically for transfer to Central Washington University's Bachelor of Applied Science degree in Information Technology and Administrative Management, currently offered in Everett**, and includes courses that meet some of the general education requirements for that degree.

Students may either utilize the skills that they acquire through the AAS-T degree in employment after graduation, or they may pursue transfer to CWU. (It is also possible that other universities will have degrees to which this associate degree is applicable.) At CWU students will complete general education courses and information management technology courses. For more information, speak with an EvCC advisor, listed to the right.

A hallmark of EvCC's computer studies program is an emphasis on projects. Several courses require team projects that replicate the typical environment in business and industry. Projects are aimed at real-world solutions to business problems. The computer industry is constantly changing and skilled practitioners must be strongly motivated self-learners. The Computer Information Systems curriculum provides students with the foundation and skills to become successful life-long learners.

EvCC also offers other programs related to computer applications:

- Associate in Technical Arts (ATA) in Computer Information Technology – 90 credits. A degree focused on preparing students for entry-level career positions.
- Certificate - Computer Support Technician I and II - 56-60 credits
- Certificate - Casino Gaming Systems - 30 credits
- Associate of Science in Computer Science - University transfer - 90 credits. Please refer to that curriculum guide.
- Students interested in using computers and software in office settings may refer to curriculum guides in Business Technology, Medical Transcription, Medical Coding, Legal Office Support and others.
- EvCC's Continuing Education department offers a variety of short non-credit workshops and courses that build specific skills in computer use. Call 425-267-0150 for information about non-credit training options.

SUGGESTED PREPARATION

Prior to starting the courses to obtain an AAS-T in Computer Information Systems, students should have completed MATH 99 [MATH 65 Intermediate Algebra] or take it during the first term. Students should also have completed CL 101 or CIS 100 or have computer skills. A familiarity with keyboarding is important.

ARE YOU JUST BEGINNING?

Careers using computer technologies vary, ranging from office work using various software programs to programming to computer repair to engineering and more. Consult a CIS advisor in order to identify your interests, and the skills and abilities needed for the different options available at EvCC.

PROGRAM ADVISORS

For on-campus credit courses and programs, please contact:

Michael Crehan, Rainier 362, 425-388-9048
mcrehan@everettcc.edu

GETTING STARTED AT EVCC

Our Enrollment Services Office provides information about application, advising, orientation and registration for new and continuing students. Though advising is voluntary, all prospective and current students are invited to contact the Enrollment Services Office or the Counseling Advising and Career Center (CACC) if they would like to speak one-to-one with an advisor about getting started at EvCC. Contact:

~Enrollment Services, Jackson Center,
425-388-9219
admissions@everettcc.edu

~CACC, Third Floor, Parks, 425-388-9263

ASSOCIATE IN APPLIED SCIENCE – TRANSFER COMPUTER INFORMATION SYSTEMS

This checklist is designed for students interested in the **AAS - T- CIS degree**. Students should meet with a CIS advisor and maintain this checklist while at Everett Community College. The quarter before expected completion, this checklist should be submitted with a diploma application to the Enrollment Services Office. A full description of the College's requirements for earning a certificate or degree is contained in the College catalog. All degree requirements are listed in the Catalog, including the completion of at least 90 credits, with a minimum 2.0 GPA. **SPECIAL NOTE:**

Transfer to Central Washington University requires a GPA of 2.3 or higher in each course below in order to meet admission criteria.

Courses listed with an ampersand in the course number (e.g. ENGL&101) reflect the new Common Course Numbering System.

Courses in [brackets] are the "old" course numbers and may be used to satisfy requirements. For more information go to www.everettcc.edu/ccn

Student Name: _____ Advisor Signature: _____ Date: _____

COMPLETION of Diversity Course

Course Number	Course Title	(Where Completed/Course Title)		(Year Completed)	(Grade)
		Credits	Quarter Completed	Grade	Grade
GENERAL EDUCATION (25 cr)					
ENGL& 101 (See Note 1)	English Composition I	5	_____	_____	_____
ENGL& 102 (See Note 1)	Composition II	5	_____	_____	_____
BUS& 101 (SS)	Introduction to Business	5	_____	_____	_____
MATH (See Note 5)	_____	5	_____	_____	_____
Natural Science Lab (See Note 4)	_____	5	_____	_____	_____
REQUIRED COURSES (45 credits; grade of 2.3 or higher must be earned in each course)					
CS 108	Introduction to Operating Systems	5	_____	_____	_____
CS 110	Computer Programming I Visual Studio.NET	5	_____	_____	_____
CS 120	Beginning Web Pages	5	_____	_____	_____
CS 117	Introduction to Computer Networking	5	_____	_____	_____
CS 124	Introduction to Database Design	5	_____	_____	_____
CS& 131 [CP 130] (See Note 6)	Computer Science I C++	5	_____	_____	_____
CS 161	PC Technician I	5	_____	_____	_____
CS 162	PC Technician II	5	_____	_____	_____
CS 195	Computer Careers Internship	5	_____	_____	_____
REQUIRED COURSES (30 credits from the following list or other courses approved by a CIS advisor; a grade of 2.3 or higher must be earned in each course)					
CS 122	LAN Architecture	5	_____	_____	_____
CS 126	Relational Database Management Systems	5	_____	_____	_____
CS 128	Advanced Database Design	5	_____	_____	_____
CS 132	Computer Programming II C++	5	_____	_____	_____
CS 210	Application Technical Support	5	_____	_____	_____
CS 222	WAN Architecture	5	_____	_____	_____
CS 220	Advanced Web Pages	5	_____	_____	_____
CS 224	Network Server Administration	5	_____	_____	_____
CS 228	Computer Information Security	5	_____	_____	_____
CS 280	Systems Analysis and Project Mgt.	5	_____	_____	_____
CS 295	CIS Advanced Internship	5	_____	_____	_____
BT 162	Job Search and Prof. Development	5	_____	_____	_____

Minimum 90 credits required, with minimum 2.0 GPA.

Note 1: Students should select ENGL& 101D or ENGL&102D in order to meet the Diversity requirement for the associate degree.

Note 2: EvCC does not offer every course each quarter. Please consult the Class Schedule and a CIS advisor to plan course selection.

Note 3: Waivers for any of the required courses may be considered on the basis of verifiable evidence of previously acquired skills. Such waivers can be granted only by a CIS advisor listed in this curriculum guide, and must be initialed on this checklist. A waiver does not excuse the student from the requirement to earn the minimum required credits.

Note 4: Select from BIOL& 100, CHEM& 121, CHEM& 150, GEOL& 100, PHYS&121, PHYS& 221, PHYS& 231

Note 5: Students must complete either MATH 100, MATH& 107, MATH& 141, MATH& 144, MATH& 147 or MATH& 151.

Note 6: Students may complete PHIL 106& [PHIL 120] or MATH 138 instead of CS& 131, but CS& 131 is preferred.

Please see Notes on page 2. These checklists should be maintained by the student while at EvCC and brought to all advising sessions. The quarter before expected completion, this checklist should be submitted by the student, with a diploma application, to the Enrollment Services office. All degree requirements are listed in the College Catalog. A grade of C or higher must be earned in each required course.

COMPUTER SUPPORT TECHNICIAN I CERTIFICATE

Student Name: _____ Advisor Signature: _____ Date: _____

Prerequisite: CL101 or permission of the instructor.

Course Number	Course Title	Credits	Quarter Completed	Grade
CS 108	Introduction to Operating Systems (PR)	5	_____	_____
CS 117	Introduction to Computer Networks (PR)	5	_____	_____
CS 161	PC Technician I (PR)	5	_____	_____
CS 162	PC Technician II (PR)	5	_____	_____
BUS& 101	Introduction to Business	5	_____	_____
H DEV 155 or BUS 165	Human Relations in the Workplace or Service Essentials for Business	3-5	_____	_____
TOTAL CREDITS		28-30		

COMPUTER SUPPORT TECHNICIAN II CERTIFICATE

Student Name: _____ Advisor Signature: _____ Date: _____

Prerequisites: Completion of Computer Support Technician I Certificate or CompTIA A+ certificate (28-30 CREDITS)

Course Number	Course Title	Credits	Quarter Completed	Grade
	[Completion of Computer Support Tech I]	[28-30]	_____	_____
CS 122	LAN Architecture—Design, Concepts & Implementation (PR)	5	_____	_____
CS 124	Intro to Database Design (PR)	5	_____	_____
CS 195	Computer Careers Internship (PR)	3-5	_____	_____
CS 155 or CS 210	Copper Communications cable (PR) or Application Technical Support (PR)	5	_____	_____
CS 222	WAN Architecture—Design, Concepts & Implementation (PR)	5	_____	_____
CS 224	Network Server Administration (PR)	5	_____	_____
TOTAL CREDITS		56-60		

CASINO GAMING SYSTEMS TECHNICIAN CERTIFICATE

Student Name: _____ Advisor Signature: _____ Date: _____

Course Number	Course Title	Credits	Quarter Completed	Grade
CS 108	Introduction to Operating Systems (PR)	5	_____	_____
CS 155	Copper Communications Cable (PR)	5	_____	_____
CS 161	PC Technician I (PR)	5	_____	_____
CS 162	PC Technician II (PR)	5	_____	_____
CS 117	Introduction to Computer Networking (PR)	5	_____	_____
CS 214	Casino Gaming Systems Technician (PR)	5	_____	_____
TOTAL CREDITS		30		

ASSOCIATE IN TECHNICAL ARTS COMPUTER INFORMATION TECHNOLOGY

This checklist is designed for students interested in the **Computer Information Technology ATA degree**. Students should meet with a CIS advisor and maintain this checklist while at Everett Community College. The quarter before expected completion, this checklist should be submitted with a diploma application to the Enrollment Services Office. A full description of the College's requirements for earning a certificate or degree is contained in the College catalog. All degree requirements are listed in the Catalog, including the completion of at least 90 credits, with a minimum 2.0 GPA; please note that this degree requires a minimum of 90 credits. A grade of C or higher must be earned in each of the required CS courses.

Courses listed with an ampersand in the course number (e.g. ENGL&101) reflect the new Common Course Numbering System.
Courses in [brackets] are the "old" course numbers and may be used to satisfy requirements. For more information, go to www.everettcc.edu/ccn

Student Name: _____ Advisor Signature: _____ Date: _____

COMPLETION of Diversity Course _____

(See Note 1)

Where completed/Course Title

Year Completed

Grade

Course Number	Course Title	Credits	Quarter Completed	Grade
GENERAL EDUCATION REQUIREMENTS				
ENGL 98 or ENGL& 101 (WS) See Note 1		5	_____	_____
CMST& 210 [SPCH 100] or CMST 204D [SPCH 204D] See Note 1	(H, IC)	5	_____	_____
BUS& 101	Intro to Business (SS)	5	_____	_____
CS 110	Comp Progr I – Visual Studio.NET (PR) (NS)	5	_____	_____
MATH 100	Survey of Mathematics (Q)	5	_____	_____
REQUIRED COURSES (A grade of C (2.0) or higher must be earned in each required course below.)				
CS 108	Introduction to Operating Systems (PR)	5	_____	_____
CS 117	Introduction to Computer Networking (PR)	5	_____	_____
CS 122	LAN Architecture (PR)	5	_____	_____
CS 124	Introduction to Database Design (PR)	5	_____	_____
CS 161	PC Technician I (PR)	5	_____	_____
CS 162	PC Technician II (PR)	5	_____	_____
CS 280	Systems Analysis and Project Mgt. (PR)	5	_____	_____
CS 195	Computer Careers Internship	5	_____	_____
CS 210	Application Technical Support (PR)	5	_____	_____
CS 222	WAN Architecture (PR)	5	_____	_____
CS 224	Network Server Administration (PR)	5	_____	_____
CS 228	Computer Information Security	5	_____	_____
CS 120	Beginning Web Pages (PR)	5	_____	_____
BUS 165	Service Essentials for Business	5	_____	_____

Minimum 90 credits required, with minimum 2.0 GPA.

The following notes apply to the ATA checklist, above.

Note 1: Students should select ENGL 098D or ENGL& 101D or CMST& 204D [SPCH 204D] in order to meet the Diversity requirement for the associate degree.

Note 2: EvCC does not offer every course each quarter. Please consult the Class Schedule and a CIS advisor to plan course selection.

Note 3: Waivers for any of the required courses may be considered on the basis of verifiable evidence of previously acquired skills. Such waivers can be granted only by a CIS advisor listed in this curriculum guide, and must be initialed on this checklist. A waiver does not excuse the student from the requirement to earn the minimum required credits.

Note 4: (CP) indicates computer proficiency; (CS) computation skills; (HR/IC) human relations and interpersonal communications; (WS) writing skills; (SS) Social Science; (H) Humanities; (NS) Natural Science; (Q) Quantitative skills; (PR) there is a course prerequisite.

Everett Community College does not discriminate on the basis of race, religion, creed, color, national origin, age, sex, sexual orientation, marital status, the presence of any physical, sensory or mental disability, or status as a disabled or Vietnam era veteran in its program and activities, or employment. The Vice President of Student Services has been designated to handle inquiries regarding student-related non-discrimination policies and can be reached at 2000 Tower Street, Everett, WA 98201, or by phone at (425)388-9589. The Associate Vice President of Human Resources has been designated to handle employment-related inquiries regarding the non-discrimination policies and can be reached at 2000 Tower Street, Everett, WA 98201, or by phone at (425)388-9232. This publication is effective FEBRUARY 2009. The College reserves the right to change courses, programs, degrees and requirements. It is the student's responsibility to be aware of correct information by routinely checking with Enrollment Services and/or the advisors listed in this publication. Requirements applicable to all certificates and degrees are published in the College Catalog. Nothing contained herein shall be construed to create any offer to contract or any contractual rights. For more information, call 425-388-9219, Everett Community College, 2000 Tower Street, Everett, WA 98201, www.everettcc.edu