

[Dismiss](#)[Skip Navigation to Page Content](#)[⚙ My EDCC »](#)[🏠 Main](#)[🎓 Students](#)[💼 Employees](#)[🌐 International](#)[⚙ Continuing Education](#)Search:  Submit Search: 

Menu

[Toggle navigation](#)[Get Info](#)[Visit](#)[Apply](#)[⚙ My EDCC »](#)[Select a Site](#)[🏠 Main](#)[🎓 Students](#)[💼 Employees](#)[🌐 International](#)[⚙ Continuing Education](#)[I am](#)[Alumni](#)[Current Student](#)[Donor](#)[Employer/Business](#)[Faculty or Staff](#)[Future Student](#)[Graduating High School Senior](#)[High School Counselor/Staff](#)[High School Student](#)[International Student](#)[Online Student](#)[Parent of a Student](#)[Visitors and Community](#)[About](#)

[Diversity](#)

[Governance](#)

[Job Opportunities](#)

[Mission](#)

[President's Welcome](#)

[Quick Facts](#)

[Academics](#)

[Academic Calendar](#)

[Academic Catalog](#)

[Areas of Study](#)

[Continuing Education](#)

[CWU Lynnwood](#)

[Degrees and Certificates](#)

[ESL for Residents](#)

[International Programs](#)

[Library](#)

[Online Programs](#)

[Pre-College Programs](#)

[Study Abroad](#)

[Transcripts and Grades](#)

[Transfer Programs](#)

[Enroll](#)

[En Español](#)

[Advising](#)

[Apply](#)

[Class Schedule](#)

[Explore Programs](#)

[Financial Aid](#)

[My Student Info Quick Links](#)

[Online Programs](#)

[Outreach and Recruitment](#)

[Pay Tuition](#)

[Registration Deadlines](#)

[Scholarships](#)

[Tuition and Fees](#)

[Triton Life](#)

[Athletics](#)

[Arts and Culture](#)

[Campus Resources](#)



[Clubs and Organizations](#)

[Housing](#)

[Job Opportunities](#)

[Life on Campus](#)

[Student Government](#)

[News & Events](#)

[Awards and Recognition](#)

[EdmondsSphere Blog](#)

[Event Calendar](#)

[Features](#)

[Media Relations](#)

[News](#)

[The Triton Quarterly](#)

[Venues and Catering](#)



Search

Search ...

Search Submit

Search

[Apply](#)

[✕close](#)

[✕close](#)

MYEDCC

TOOLKIT

[Customize MYEDCC](#)

[Academic Calendar](#)

[A-Z Index](#)

[Canvas](#)

[Class Schedule](#)

[Directory](#)

[Ed Mail](#)

[Library](#)

[Register for Classes](#)

[Transcripts and Grades](#)

2019-2020 Academic Catalog

# COMPUTER



Catalog Search

Search Catalog

# INFORMATION SYSTEMS - WEB APPLICATION AND CLOUD DEVELOPER - ASSOCIATE IN APPLIED SCIENCE-T DEGREE

← Return to: [Catalog Search](#)

**Program Description** This broad-based and comprehensive curriculum teaches the skills students need to enter a wide range of web development and design careers. The curriculum emphasizes a cross-discipline approach to both the current and emerging technologies being used on the internet and teaches students how to create cutting-edge websites that are both functional and aesthetically pleasing. This degree will help individuals prepare for employment in web development and administration, web programming, and Cloud application development. All students will create a website that will be showcased on the CIS department site. This degree requires successful completion of a minimum of **91 credits** as outlined.

**Advising Note** This program requirement sheet is not a substitute for meeting with an academic advisor. Meeting the requirements to graduate with an Edmonds CC certificate or degree is ultimately the responsibility of the student.

## General Education Requirements (15 credits)

*\*See General Education Requirements Note*

## Communication Skills (10 credits)

[Use Advanced  
Search](#)

[Catalog Home](#)

[About Our  
College](#)

[Get Started](#)

[General  
Education  
Learning  
Outcomes](#)

[Degrees and  
Certificates by  
Type](#)

[Degrees and  
Certificates by  
Department or  
Area of Study](#)

[Overview:  
Degrees and  
Certificates](#)

[Course  
Descriptions  
and Objectives](#)

[Direct Transfer  
Agreement  
\(DTA\)  
Distribution  
Courses](#)

[Course Prefixes](#)

[Projected  
Annual Course  
Schedule](#)

[Program  
Requirement](#)

[Sheet Questions  
and Answers](#)



**OUTCOME:** Communicate and interact effectively through a variety of methods appropriate to audience, context, purpose, and field/discipline.

- ENGL& 101 - English Composition I 5.0 Credits
- CMST& 210 - Interpersonal Communication: CD 5.0 Credits

## Quantitative Analysis/Symbolic Reasoning Skills (5 credits)

**OUTCOME:** Reason clearly using academic or professional modes of inquiry; using quantitative or symbolic reasoning; and/or using other discipline/field specific methods to explore and create ideas; identify information needs; process, evaluate, and use information; and recognize, analyze, and solve problems.

- MATH& 141 - Precalculus I 5.0 Credits

## Cultural Diversity Skills

**OUTCOME:** Explore and apply multiple perspectives in order to examine cultural differences and influences; maintain effective professional/working relationships; and/or interact effectively in multicultural settings.

\_\_\_Cultural Diversity requirement met.

## Distribution Requirements (10 credits)

### Natural Sciences and Mathematics (5 credits)

**OUTCOME:** Use scientific and mathematical methods, modes of inquiry, and terminology to demonstrate knowledge, comprehension, and application of science concepts and insights.

- PHYS& 114 - General Physics I with Lab 5.0 Credits

Articulation Agreements

College Policies

Common Course Numbering Information

Honors Recognition

Veterans' Programs

Academic Calendar 2019-20

Tuition, Fees, and Refunds

How to Enroll

Financial Aid

Support Services

Student Handbook

Administration and Faculty

Edmonds CC Glossary

2018-19 DTA Course List

My Personal Catalog



## Social Sciences (5 credits)

---

**OUTCOME:** Use social science theories and methods to reason, communicate, apply insights, solve problems, and to develop a critical understanding of the diversity and interdependence of peoples and cultures.

- **PHIL& 120 - Symbolic Logic 5.0 Credits**

## Program Requirements (66 credits)

---

### OUTCOMES:

1. Build and maintain websites.
2. Research, assess, and appropriately apply updated emerging technology to support websites as needed in industry.
3. Work with management, development teams, or stakeholders to create websites.
4. Comply with the ethics related to the use of copyrighted materials and intellectual property rights.
5. Demonstrate an entrepreneurial approach to website/page development.
6. Describe, create, and implement databases technologies relative to website development and maintenance.
7. Analyze, implement, and apply the systems development lifecycle (SDLC) methods and tools to meet the website development needs of a business.

**\*\*See Program Requirements Notes**

- **CIS 100 - Computer Information Systems Foundations 5.0 Credits**
- **CIS 241 - Web Development I 5.0 Credits**
- **CIS 242 - Web Development II: JavaScript and jQuery 5.0 Credits**
- **CIS 243 - Web Development III: Introduction to PHP 5.0 Credits**
- **CIS 244 - Web Development IV: Intro to Joomla! and SEO 5.0 Credits**
- **CIS 245 - Web Development V: Introduction to CSS 5.0 Credits**
- **CIS 250 - Database Theory and Design 5.0 Credits**



- **CIS 280 - Career Planning 1.0 Credits**
- **CS 115 - Introduction to Programming 5.0 Credits**
- **CS& 141 - Computer Science I Java 5.0 Credits**
- **CS 142 - Computer Science II Java 5.0 Credits**
- **CS 143 - Computer Science III Java 5.0 Credits**
- **ENGL& 235 - Technical Writing 5.0 Credits**

## Program Notes

---

**The program code for this degree is 507f. For financial aid, advising, and other reasons, students should work with their advisor to ensure that this code is properly recorded on their academic record.**

- **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 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 faculty advisor for more information.
- **Transfer Admission Requirements:** This degree is a professional-technical degree with a core of general education courses commonly associated in transfer. In general, professional technical degrees are not designed for transfer to other colleges or universities. This degree will articulate to Bachelor of Applied Science (BAS) degrees, such as the BAS in Application Development and Software Development or related degrees at Edmonds Community College and other community colleges throughout the state of Washington. All students who



intend to transfer should talk with an advisor to review specific admission requirements. Students must have a 2.5 minimum cumulative grade point average to be considered for admission to this program.

The advisors for this program can be found under the area of expertise at: [edcc.edu/programs/stem/cis/contact.html](http://edcc.edu/programs/stem/cis/contact.html)

**Department website:**

Computer Information Systems | [edcc.edu/cis](http://edcc.edu/cis)

**\*General Education Requirements Notes:**

- CMST& 220 is needed for graduation from the CIS BAS Application Development degree.

**\*\*Program Requirement Notes:**

- CIS 280 should be taken within the last two quarters of your program.

## Associate in Applied Science-Transfer General Information

---

**Program of Study Outcomes** Edmonds CC's four General Education Outcomes (Communicate, Act Responsibly, Reason, and Explore) are promoted throughout the college's programs. Instructional programs of 45 credits or more foster learning in all four General Education Outcomes.

Student achievement is assessed in the general and program specific outcomes via the courses and course objectives that align with those outcomes. More information about program outcomes and course objectives can be found on the [Using Program Requirement Sheets](#) page.

**Credit/Grade Requirements** A minimum of 30 credits or one-third of the required college level (100-level or above) credits, whichever is less, must be earned at Edmonds CC. Students are required to maintain a minimum cumulative grade point average of 2.0 in all college level courses.

**Students Are Advised To:**

- Plan your 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;
- Communicate with an academic advisor and/or a faculty advisor; and
- At least three quarters before you plan to graduate, contact any college(s) where you have earned credits and have your official transcript(s) sent to Edmonds CC. Then, submit an **Evaluation Request - Transfer Credits Form** (available in Enrollment Services) to activate the process of transferring credits to Edmonds CC.

**Graduation Application** A completed Graduation Application form must be **submitted online** by the **10th day** of the quarter in which the student expects to graduate. Note: Applications for summer quarter are due by the **8th day** of the quarter.

### Transferring to Another University or College

- Admission application deadlines vary, students must meet the deadline for the university or college to which they plan to apply for admission to transfer.
- Consultation with the appropriate department or an advisor at the intended transfer school is highly recommended.

**Common Course Numbering** Please refer to [www.edcc.edu/ccn](http://www.edcc.edu/ccn) for more information.

**Cultural Diversity Requirement** All students earning a degree or certificate of 45 credits or more must meet a cultural diversity (CD) requirement by taking at least five (5) credits of CD courses. To learn more, go to **Academic Information – Cultural Diversity Requirement** in the online academic catalog.

### College Resources

- College Website | [www.edcc.edu](http://www.edcc.edu)
- How to Enroll | [www.edcc.edu/es](http://www.edcc.edu/es)
- Transfer Center | [www.edcc.edu/transfer](http://www.edcc.edu/transfer)
- College Bookstore | [www.edcc.edu/bookstore](http://www.edcc.edu/bookstore)
- Advising Appointments | 425.640.1458

## Signatures

---

Advisor's Signature and Date



---

Evaluator's Signature and Date

Eff: Summer 2019

# Internal Coding

---

EPC - 507f

TC - 91

CIP - 11.1004

Last revised - 2019/06/19

← Return to: **Catalog Search**



## About

---

[About Edmonds CC](#)

[Diversity](#)

[Job Opportunities](#)

[Leadership](#)

[Mission](#)

[Quick Facts](#)

Contact

---

[Contact Us](#)

[Employee Directory](#)

[Driving Directions](#)

[425.640.1459](#)

[info@edcc.edu](#)

On Campus

---

[Campus Maps](#)

[Campus Resources](#)

[Office Hours](#)

[Parking](#)

Policies

---

[Nondiscrimination](#)

[Privacy](#)



[Safety and Security](#)

[Student Right to Know](#)

Give

---

[Edmonds CC Foundation](#)

Donate Now

Select Language | ▼

[Go to EDCC Facebook](#)

[Go to EDCC Twitter](#)

[Go to EDCC LinkedIn](#)

[Go to EDCC Instagram](#)

[Go to EDCC YouTube](#)

[Go to EDCC Pinterest](#)



© 2019 Copyright Edmonds CC All Rights Reserved

20000 68th Ave. W, Lynnwood, WA 98036 | 425.640.1459

All [catalogs](#) © 2020 Edmonds Community College.

[Mobile Site.](#)

