

# Course Syllabus

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### CIS 253 – Application and Cloud Development Tools

#### COURSE INFORMATION

- Quarter: Winter, 2019
- Credits: 5
- Course Mode: Hybrid Course Meets Thursdays at 2:50pm
- Course Description: An introduction to application development using MS-Access. Includes development of tables, forms, queries, reports, macros, and menus needed to support the application. Includes application development in the Cloud platforms, such as Microsoft Azure or Amazon Web Services (AWS).
- Prerequisites: CIS 250 and CS 115 with minimum grades of 2.5 or concurrent enrollment or equivalent.

#### INSTRUCTOR INFORMATION

- Instructor Name: Morteza Chini
- Office Hours: By appointment
- Email: [morteza.chini@edcc.edu](mailto:morteza.chini@edcc.edu)
- Best Way to Contact: Canvas inbox

#### COURSE MATERIALS

- Textbook: [Available online at books24/7](http://library.books24x7.com.edmonds.idm.oclc.org/bookshelf.asp) (<http://library.books24x7.com.edmonds.idm.oclc.org/bookshelf.asp>): (full URL: <http://library.books24x7.com.edmonds.idm.oclc.org/bookshelf.asp>).
- Required and/or Optional Materials: You must have regular and timely access to a computer with an internet connection.
- [Computer Resources](http://students.edcc.edu/acs/facilities.html) (<http://students.edcc.edu/acs/facilities.html>): Computers are available in a wide variety of locations across campus. The campus also has a wireless network available for students. See computer facilities (full URL: <http://students.edcc.edu/acs/facilities.html> (<http://students.edcc.edu/acs/facilities.html>)) for a complete list of locations and resources, and see START at [www.edcc.edu/online/start](http://www.edcc.edu/online/start) for student technical assistance.

#### LEARNING OBJECTIVES

- **Course-level Learning Objectives (CLOs).**
  1. Explain the fundamental principles of application design.
  2. Use MS Access to build a student designed application.
  3. Describe how Access integrates with enterprise systems.
  4. Given a database design and a few pre-built entities, build the following components of an Access application: tables to store data; forms and sub-forms for data entry into tables; reports that display data

in appropriate groups and formatting; queries that assemble data from several tables for use with forms and reports; HTML documents created from custom queries and exported to the Web; modules and event procedures with VBA code to accomplish specific tasks; menus for easy access to the various parts of the application.

5. Develop application and implement database design in the Cloud platforms, such as Microsoft Azure or Amazon Web Services (AWS).

• **Certificate and Degree (Program-level) Learning Outcomes (PLOs).**

• Computer Information Systems - Associate of Technical Arts Degree:

1. Demonstrate intermediate abilities in standard office productivity applications.
2. Demonstrate intermediate abilities in PC hardware support.
3. Demonstrate intermediate abilities in database technologies.
4. Implement and apply the systems development lifecycle (SDLC) methods and tools to a given business problem.
5. Develop and apply the basic knowledge and skills needed to use business computing, database, and networking concepts in business.

## COURSE MODE

- This is a hybrid course. A hybrid course is a combination of traditional classroom activities as well as online instruction. Some classroom time is replaced by content and activities that take place in a managed online eLearning classroom. Be sure to check the course website 3 times a week for possible online assignments. For more information about taking a class a Hybrid course, visit [eLearning at EdCC](http://www.edcc.edu/elearning/) (<http://www.edcc.edu/elearning/>) (full URL: <http://www.edcc.edu/elearning> <http://www.edcc.edu/elearning/>).

## ASSIGNMENTS AND GRADING

- **Assessment Criteria and Grading Policies.** Weighted Grading: weekly projects (50%), weekly quizzes/assignments (15%), and final project (35%). Rubrics for the assignments are specified in Canvas. See the Grade Table below for the grade point equivalents.
- **Attendance Policy.** Because this is a hybrid course, in addition to attending the class, part of your "class participation" is your daily activities in Canvas. You should check in on the course at least 3 times a week, to be sure that you don't miss any important announcements or information.
- **Make-up or Late Work.** With the exception of the final project/assignment, projects/assignments are due on the date indicated in Canvas. Projects/assignments received late will be marked 50% off if the assignment is not submitted by the stated date on the Canvas calendar. After the second week, no late assignment will be accepted. The final project will not be accepted late. No assignments will be accepted after the last class meeting of the quarter. No make-up tests or quizzes will be given unless prearranged. Prearranged is defined as: notifying the instructor of the inability to take the test or quiz before the scheduled time of the test or quiz. You must make up the missed test or quiz within an agreed upon amount of time, no more than one week.
- **Policy on V and I Grades.** These can be found in the [online college catalog](http://catalog.edcc.edu/) (<http://catalog.edcc.edu/>) (full URL: <http://catalog.edcc.edu> <http://catalog.edcc.edu/>) on the Academic Requirements page, under Student Grades.

- **Policy on S, U, and N Grades.** These can be found in the [online college catalog](http://catalog.edcc.edu) (<http://catalog.edcc.edu>) (full URL: <http://catalog.edcc.edu> <http://catalog.edcc.edu>) ) on the Academic Requirements page, under Student Grades.
- **Plagiarism Reference.** [Reference Information](http://employees.edcc.edu/syllabus/plagiarism-overview.html) (<http://employees.edcc.edu/syllabus/plagiarism-overview.html>) (full URL: [/syllabus/plagiarism-overview.html](http://employees.edcc.edu/syllabus/plagiarism-overview.html) <http://employees.edcc.edu/syllabus/plagiarism-overview.html>).
- **Institutional Withdrawal Policy.** Please see [Instructor-Institutional Withdrawal Policy](http://www.edcc.edu/es/register/drop-policy.html) (<http://www.edcc.edu/es/register/drop-policy.html>) (full URL: <http://www.edcc.edu/es/register/drop-policy.html>)
- Please see the **Student Rights, Freedoms and Responsibilities** in the Edmonds CC online academic catalog: [Edmonds Community College Policies](http://catalog.edcc.edu/content.php?catoid=23&navoid=6810) (<http://catalog.edcc.edu/content.php?catoid=23&navoid=6810>) (full URL: <http://catalog.edcc.edu/content.php?catoid=23&navoid=6810> <http://catalog.edcc.edu/content.php?catoid=23&navoid=6810> ). This document includes Guidelines for Student Conduct and information on disciplinary procedures.

- **GRADE TABLE**

Grade Points for Percentage of Points earned      Letter Grade Equivalency

4.0=95%	2.9=84%	1.8=73%	A = 4.0 - 3.9
3.9=94%	2.8=83%	1.7=72%	A- = 3.8 - 3.5
3.8=93%	2.7=82%	1.6=71%	B+ = 3.4 - 3.2
3.7=92%	2.6=81%	1.5=70%	B = 3.1 - 2.9
3.6=91%	2.5=80%	1.4=69%	B- = 2.8 - 2.5
3.5=90%	2.4=79%	1.4=68%	C+ = 2.4 - 2.2
3.4=89%	2.3=78%	1.4=67%	C = 2.1 - 1.9
3.3=88%	2.2=77%	1.3=66%	C- = 1.8 - 1.5
3.2=87%	2.1=76%	1.2=65%	D+ = 1.4 - 1.2
3.1=86%	2.0=75%	1.1=64%	D = 1.1 – 1.0
3.0=85%	1.9=74%	1.0=63%	F = 0.0

## STATEMENT ON ACADEMIC INTEGRITY

Edmonds CC students shall demonstrate Academic Integrity. I am expected to report all violations of Academic Integrity (cheating and plagiarism) to the College. The College's database of such incidents will be monitored by the Office of the Vice President for Student Services. Data will be maintained for three years. Evidence of repeat incidents will result in additional action by the Office of the Vice President for Student Services as governed by the Student Code of Conduct. In this class, cheating and plagiarism will result in an assignment or grade penalty ranging from "0" on an assignment to an "F" in the course.

## FINAL EXAM AND LAST MEETING OF CLASS

- There is no final exam for this course, instead there is a final project which will be due at the end of the quarter.

## SERVICES FOR STUDENTS WITH DISABILITIES

If you require an accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425.640.1320 or [ssdmail@edcc.edu](mailto:ssdmail@edcc.edu) (<mailto:ssdmail@edcc.edu?subject=>).

## COURSE EXPECTATIONS

- Students:
  - Submit all assignments online by the due dates specified in Canvas.
  - Ensure your name is on your assignment at the top of the first page
- Instructor:
  - I will return email messages within 24 hours, usually much sooner.
  - I will grade online submissions and assignments within seven days.
  - I will post all grades and points on Canvas.
- Successful completion of student responsibilities in this class requires online access to Canvas. You are expected to log in to Canvas and it is your responsibility to track potential adjustments to due dates.

## STUDENT RESOURCES

**Useful Student Resources** (<http://students.edcc.edu/default.html>) (full URL: <http://www.edcc.edu/students> (<http://www.edcc.edu/students/>))

**Academic Calendar** (<http://www.edcc.edu/calendar/academic.html>) (full URL: <http://www.edcc.edu/calendar/academic.html> (<http://www.edcc.edu/calendar/academic.html>))

**Advising** (<http://www.edcc.edu/getting-started/advising/default.html>) (full URL: <http://www.edcc.edu/advising> (<http://www.edcc.edu/advising/>))

**Center for Student Engagement and Leadership** (<http://students.edcc.edu/csel/default.html>) (full URL: <http://www.edcc.edu/csel> (<http://www.edcc.edu/csel/>))

**College Policies and Procedures** (<http://catalog.edcc.edu/content.php?catoid=23&navoid=6810>) (full

URL: <http://catalog.edcc.edu/content.php?catoid=23&navoid=6810> (<http://catalog.edcc.edu/content.php?catoid=23&navoid=6810>)

[Counseling and Resource Center](http://www.edcc.edu/counseling/default.html) (<http://www.edcc.edu/counseling/default.html>) (full URL: <http://www.edcc.edu/counseling>)

[Diversity Student Center](http://www.edcc.edu/dsc/default.html) (<http://www.edcc.edu/dsc/default.html>) (full URL: <http://www.edcc.edu/dsc>)

[eLearning Information](http://www.edcc.edu/elearning/default.html) (<http://www.edcc.edu/elearning/default.html>) (full URL: <http://www.edcc.edu/elearning>)

[Enrollment Services](http://www.edcc.edu/es/default.html) (<http://www.edcc.edu/es/default.html>) (full URL: <http://www.edcc.edu/es>)

[Library, including online resources](http://www.edcc.edu/library/default.html) (<http://www.edcc.edu/library/default.html>) (full URL: <http://www.edcc.edu/library>)

[Services for Students with Disabilities](http://students.edcc.edu/ssd/default.html) (<http://students.edcc.edu/ssd/default.html>) (full URL: <http://www.edcc.edu/ssd>)

[Student Printing Information](http://students.edcc.edu/acs/printing/default.html) (<http://students.edcc.edu/acs/printing/default.html>) (full URL: <http://students.edcc.edu/acs/printing>)

[Student Support Resources](http://students.edcc.edu/support/default.html) (<http://students.edcc.edu/support/default.html>) (full URL: <http://www.edcc.edu/support>)

[TRIO](http://www.edcc.edu/trio/default.html) (<http://www.edcc.edu/trio/default.html>) (full URL: <http://www.edcc.edu/trio>)

[Title IX and Gender Discrimination](http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html) (<http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html>)

## Emergency Preparedness

The [Triton Alert System](http://www.edcc.edu/alert/triton/) (<http://www.edcc.edu/alert/triton/>) (full URL: <http://www.edcc.edu/alert/triton>) will be used to send notifications regarding campus closures, emergency situations, or evacuation orders in the event of an emergency or inclement weather. Edmonds CC students and employees are automatically enrolled to receive Triton Alerts through their college email addresses. Sign up to receive text and voice messages on your mobile or home phones and/or additional email notifications to personal email addresses.

If inclement weather prevents me from getting to campus (and the college is open), I will leave an announcement in our eLearning class. I will try to get this information to you as early as possible so you don't come to campus and find that the class has been canceled. However, be sure to check the college's website to see if the college is closed and all classes are canceled.

## Important Dates

Edmonds CC Academic Calendar: <http://www.edcc.edu/calendar/academic.html> (<http://www.edcc.edu/calendar/academic.html>).

<b>Jan. 1</b>	
Jan. 2	<u><a href="#">Winter quarter classes begin (Financial Aid deadline for this quarter: Nov. 15, 2018)</a></u>
Jan. 4	<u><a href="#">Last day online registration available for adding classes (after this date, instructor's permission needed to add most classes and waitlists are disabled)</a></u>
Jan. 8	<u><a href="#">Financial Aid students must finalize their enrollment status by this date</a></u>
Jan. 8	<u><a href="#">Last day for 100% refund (self-support classes have different dates)</a></u>
Jan. 15	<u><a href="#">Graduation application submission deadline</a></u>
Jan. 15	<u><a href="#">Last day before late petition required to register unless otherwise posted in schedule</a></u>
Jan. 15	<u><a href="#">Last day to drop a class without a transcript entry</a></u>
Jan. 18	<u><a href="#">Last day for 50% refund (self-support classes have different dates)</a></u>
Jan. 21	<u><a href="#">Martin Luther King Jr. Holiday: College Closed</a></u>
Feb. 14	<u><a href="#">Advising day from 12 to 5 pm, in Snohomish 123</a></u>
Feb. 18	<u><a href="#">Presidents Day Holiday: College Closed</a></u>
Feb. 19	<u><a href="#">Graduation packets due from advisors</a></u>
Feb. 19	<u><a href="#">Last day to withdraw, add a continuous enrollment class, or change credit/audit status</a></u>
Feb. 21	<u><a href="#">Registration for spring quarter begins</a></u>
Feb. 27	<u><a href="#">Open enrollment for spring quarters begins</a></u>
Mar. 1	<u><a href="#">Spring quarter 2019 financial aid application deadline</a></u>
Mar. 11	<u><a href="#">Web grading available to instructors through instructor briefcase</a></u>
Mar. 13	<u><a href="#">Final exams</a></u>
Mar. 14	<u><a href="#">Final exams</a></u>
Mar. 15	<u><a href="#">Final exams</a></u>
Mar. 18	<u><a href="#">Final exams</a></u>
Mar. 18	<u><a href="#">Last day of winter quarter</a></u>
Mar. 20	<u><a href="#">Grades are due</a></u>
Mar. 22	<u><a href="#">Grades available to students online</a></u>















<http://www.edcc.edu/students> (<http://www.edcc.edu/students>)

<http://www.edcc.edu/students> (<http://www.edcc.edu/students>)

# Course Summary:

Date	Details	due by
Thu Jan 3, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14393463">INSTRUCTIONS WEEK 1 (https://edcc.instructure.com/courses/1727090/assignments/14393463)</a>	due by 2pm
Sun Jan 6, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162005">Week 1 Reading (https://edcc.instructure.com/courses/1727090/assignments/14162005)</a>	due by 11:59pm
Tue Jan 8, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14161952">Tutorial 1 Quiz 1 (https://edcc.instructure.com/courses/1727090/assignments/14161952)</a>	due by 11:59pm
Thu Jan 10, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14161964">Tutorial 2 Quiz (https://edcc.instructure.com/courses/1727090/assignments/14161964)</a>	due by 2:50pm
Thu Jan 10, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14352267">Week 1 Designing Our Tabela in Database (https://edcc.instructure.com/courses/1727090/assignments/14352267)</a>	due by 2:50pm
Thu Jan 10, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234637">Week 2 Reading (https://edcc.instructure.com/courses/1727090/assignments/14234637)</a>	due by 2:50pm
Thu Jan 17, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14161974">Tutorial 3 Quiz (https://edcc.instructure.com/courses/1727090/assignments/14161974)</a>	due by 2:50pm
Thu Jan 17, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162004">Week 2 Microsoft Access I (https://edcc.instructure.com/courses/1727090/assignments/14162004)</a>	due by 2:50pm
Thu Jan 17, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234644">Week 3 Reading (https://edcc.instructure.com/courses/1727090/assignments/14234644)</a>	due by 2:50pm
Thu Jan 24, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234636">Week 3 Microsoft Access II (https://edcc.instructure.com/courses/1727090/assignments/14234636)</a>	due by 2:50pm
Thu Jan 24, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234743">Week 4 Reading (https://edcc.instructure.com/courses/1727090/assignments/14234743)</a>	due by 2:50pm
Thu Jan 24, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14161973">Tutorial 4 Review Quiz (https://edcc.instructure.com/courses/1727090/assignments/14161973)</a>	due by 11:59pm
Thu Jan 31, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234642">Week 4 LimeSurvey (https://edcc.instructure.com/courses/1727090/assignments/14234642)</a>	due by 2:50pm
Wed Feb 6, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14161983">Final Project Proposal (https://edcc.instructure.com/courses/1727090/assignments/14161983)</a>	due by 11:59pm
Thu Feb 7, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162007">Week 5 LimeSurvey to Acces (https://edcc.instructure.com/courses/1727090/assignments/14162007)</a>	due by 2:50pm



Date	Details	
Thu Feb 14, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234746">Week 5 Project (https://edcc.instructure.com/courses/1727090/assignments/14234746)</a>	due by 2:50pm
Thu Feb 14, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162009">Week 6 Install Magento Shopping Website (https://edcc.instructure.com/courses/1727090/assignments/14162009)</a>	due by 2:50pm
Thu Feb 14, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234790">Week 6 Project (https://edcc.instructure.com/courses/1727090/assignments/14234790)</a>	due by 2:50pm
Thu Feb 21, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162011">Week 7 Install SuiteCRM Website (https://edcc.instructure.com/courses/1727090/assignments/14162011)</a>	due by 2:50pm
Thu Feb 21, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14325899">Week 7 Project (https://edcc.instructure.com/courses/1727090/assignments/14325899)</a>	due by 2:50pm
Thu Feb 28, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162013">Week 8 Install Odoo Website (https://edcc.instructure.com/courses/1727090/assignments/14162013)</a>	due by 2:50pm
Thu Feb 28, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234818">Week 8 Project (https://edcc.instructure.com/courses/1727090/assignments/14234818)</a>	due by 2:50pm
Thu Mar 7, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162016">Week 9 Install WordPress Website in Microsoft Windows (https://edcc.instructure.com/courses/1727090/assignments/14162016)</a>	due by 2:50pm
Thu Mar 7, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14234820">Week 9 Project (https://edcc.instructure.com/courses/1727090/assignments/14234820)</a>	due by 2:50pm
Sun Mar 10, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14162018">Week 10 Install MyBB Website (https://edcc.instructure.com/courses/1727090/assignments/14162018)</a>	due by 11:59pm
Thu Mar 14, 2019	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14161982">Final Project Files &amp; Documentation (https://edcc.instructure.com/courses/1727090/assignments/14161982)</a>	due by 11:59pm
	 <a href="https://edcc.instructure.com/courses/1727090/assignments/14530599">Lecture 1 Slides (https://edcc.instructure.com/courses/1727090/assignments/14530599)</a>	





