



**Johnson County Community College**  
**Course Syllabus**  
**Computing Sciences and Information Technology**  
**Web-Enabled Database Programming**  
**CIS 275**  
**Fall 2021**

**INSTRUCTOR  
INFORMATION**

Name: Suzanne Smith  
Email: [ssmit348@jccc.edu](mailto:ssmit348@jccc.edu)  
Phone: 913-469-8500 x 4145  
Campus Office: RC 302  
Office Hours: Monday: 2:00-3:30pm over Zoom  
Wednesday: 4:30-6:00pm over Zoom  
Friday: 12:00-2:00pm over Zoom  
Please let me know when you are coming to my office hours so I can send you a Zoom link. Other times may also be available by appointment.

**COURSE  
INFORMATION**

Credit: 4 hr  
Lecture: 3 hrs  
Lab: 2 hrs  
Course Type: Career  
Instructional Method: Online  
Prerequisites: CS 200 (Concepts of Programming Algorithms using C++) or  
CS 201 (Concepts of Programming Algorithms using C#) or  
CS 205 (Concepts of Programming Algorithms using Java)

**CAVEATS**

None

**SECTION  
INFORMATION**

Section: 350 CRN: 81804  
Start Date: 08/23/21 End Date: 12/13/21

**COURSE  
DESCRIPTION**

At the completion of this course, the student should be able to create dynamic Web pages containing information accessed from a database. The student will complete projects using Web technologies that interface with a database. The course will include graphics, graphical user interfaces, exception handling and event-driven programming.  
3 hrs. lecture, 2 hrs. open lab/wk.

**TEXT**

**No Textbook**

**ATTENDANCE**

The following is a link to JCCC's attendance policy:  
<http://www.jccc.edu/about/leadership-governance/policies/students/academic/attendance.html>

**SUPPLIES**

Visual Studio may be downloaded from <https://visualstudio.microsoft.com/downloads/>.  
Visual Studio Community Edition is the recommended version. It is a **free** download.

**COURSE OBJECTIVES**

Upon successful completion of this course, the student should be able to:

1. Describe the Web development framework.
2. Develop Web applications.
3. Enhance Web applications.
4. Integrate data into Web applications.
5. Discuss and implement advanced Web-enabled database concepts.

\*Detailed course objectives can be viewed on the Course Outline at:  
[http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_275](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_275)

## COURSE REQUIREMENTS

### Tests:

- Three unit tests will be given worth 100 points each.
- Students are expected to take all tests on the scheduled dates. If a test is not taken during the regular class period, a makeup test must be taken **during finals week**.

### Labs:

- There will be around 10 lab assignments.
- Labs are worth 20 points each.
- **Late labs will incur an automatic deduction of 5 points.**

### Quizzes:

- There will be 10 or 11 multiple-choice quizzes worth 5 points each.
- **Late quizzes will be accepted with a 2 point deduction. Note: The deduction may not be seen immediately.**
- The **lowest** quiz score will be dropped

### Final Exam:

- The final exam is cumulative and must be taken during finals week.
- If the final exam is missed, 0 points will be given.
- The final exam is worth 100 points.

## LATE WORK AND MAKEUP POLICY RECAP

Late labs will incur an automatic 5 point deduction.  
Late quizzes will incur an automatic 2 point deduction.  
Makeup tests will be taken during finals week.

## EVALUATION AND GRADING SCALE

Assessment Category	Weight
Tests	46%
Labs	31%
Quizzes	8%
Final Exam	15%
<b>Total</b>	<b>100%</b>

Percentage	Grade
90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
< 60%	F

## DROP DEADLINES

To view the deadline dates for dropping this course, please refer to the schedule on the JCCC web page, under Admissions>Enrollment Dates>Dropping Credit Classes. After the 100% refund date, you will be financially responsible for the tuition charges; for details, search on Student Financial Responsibility on the JCCC web page. Changing your schedule may reduce eligibility for financial aid and other third party funding. Courses not dropped will be graded. For questions about dropping courses, contact the Student Success Center at 913-469-3803.

## TENTATIVE SCHEDULE

Please refer to Canvas for the most up-to-date schedule.

Week of Aug. 24	Intro to Course Introduction to ASP.NET MVC
Week of Aug. 31	Classes and Objects Within C# Tables and Navigation Properties
Week of Sept. 7	Creating a Code-First Application
Week of Sept. 14	Migration and User Authentication
Week of Sept. 21	Test #1
Week of Sept. 28	Creating an Application from Scratch Sending Email
Week of Oct. 5	CSS & Bootstrap & Validation
Week of Oct. 12	More Razor & Layouts Adding to a Code-First Application
Week of Oct. 19	Routing Language Integrated Queries (LINQ)
Week of Oct. 26	Test #2
Week of Nov. 2	Dependency Injection
Week of Nov. 9	Unit Testing
Week of Nov. 16	Setting Up Home Store with a Mock Database Creating a Database and Connecting Using the Entity Framework
Week of Nov. 23	Creating, Updating and Deleting Data Within an Application
Week of Nov. 30	Test #3 Deploying a Website
Week of Dec. 7	Comprehensive Final Exam

## IMPORTANT DATES

AUG 30: LAST DAY TO DROP AND RECEIVE A 100% REFUND.  
SEPT 20: LAST DAY TO DROP WITHOUT A 'W' ON A TRANSCRIPT (BY 11PM IF DONE VIA THE WEB.)  
OCT 15: LAST DAY TO APPLY FOR FALL GRADUATION.  
NOV 15: LAST DAY TO DROP WITH A 'W' ON A TRANSCRIPT OR TO REQUEST PASS/FAIL.  
NOV 24-26: THANKSGIVING BREAK

## ADA COMPLIANCE

JCCC provides a range of services to allow persons with disabilities to participate in educational programs and activities. If you are a student with a disability and if you are in need of accommodations or services, it is your responsibility to contact Access Services and make a formal request. To schedule an appointment with an Access Advisor or for additional information, you can contact Access Services at (913) 469-3521 or [accessservices@jccc.edu](mailto:accessservices@jccc.edu). Access Services is located on the 2nd floor of the Student Center (SC202).

<http://www.jccc.edu/about/leadership-governance/policies/accessibility-statement.html>

## STUDENT CODE OF CONDUCT

Students are bound by all sections of the JCCC Student Code of Conduct - <http://www.jccc.edu/about/leadership-governance/policies/students/student-code-of-conduct/index.html> as well as the Student Handbook - <http://www.jccc.edu/student-resources/student-handbook.html>

## ACADEMIC DISHONESTY

No student shall engage in behavior that, in the judgment of the instructor of the class, may be construed as cheating. This may include, but is not limited to, plagiarism or other forms of academic dishonesty such as the acquisition without permission of tests or other academic materials and/or distribution of these materials. This includes students who aid and abet, as well as those who attempt such behavior. Refer to the "Student Code of Conduct" in the College Catalog for more details.

Note: All work is individual unless otherwise stated. Submitted work must reflect your thought and not that of someone else. Cheating minimally results in a 0 for all parties involved. The VP of student services will be notified, and other disciplinary action may also take place.

## COUNSELING RESOURCES

For academic, career, and personal counseling, visit the JCCC Counseling Center on the second floor of the Student Center or visit <http://www.jccc.edu/student-resources/counseling/>.

## HOW DO I STUDY IN THIS COURSE?

Review and **understand** all lessons, projects, notes, and readings. Further, **practice various tasks** by making up your own problems to solve and explore.

## DOS AND DON'TS

- Do not procrastinate (and then attempt to contact me just before the assigned work is due).
- Do remember that technical issues can occur. If you experience difficulties with your computer, you will need to find another computer to use or come to campus and work in the computer lab (RC 335). Have a backup plan in mind before something happens and don't wait until the night before a project is due to begin working on it. Otherwise, if you do and experience technical difficulties, you may have no way to complete your assignment in time. Remember, late projects are not accepted.
- Do remember that you are responsible for your own learning and must participate in class.
- Do all of your assigned work and spend enough time preparing for class according to college level expectations.
- Do take detailed notes and seek to understand them.

## COVID-19 GUIDELINES

- Follow College COVID-19 safety guidelines. (<https://www.jccc.edu/media-resources/covid-19/return-to-campus-guidelines.html>)
- Stay home when you are sick. **Perform the daily wellness self-check each day before coming to campus.**
- **Report COVID-19** using the reporting form or by email
  - [studentcovidreporting@jccc.edu](mailto:studentcovidreporting@jccc.edu) (students)
  - [employeecovidreporting@jccc.edu](mailto:employeecovidreporting@jccc.edu) (employees)
- **Follow CDC Guidance** for social distancing and facial coverings.
- **Wash your hands** frequently.
- **Cover your mouth** when coughing or sneezing.

## CAMPUS SAFETY

Information regarding student safety can be found at <http://www.jccc.edu/student-resources/police-safety/>.

Classroom and campus safety are of paramount importance at Johnson County Community College, and are the shared responsibility of the entire campus population. Please review the following:

- **Report Emergencies:** to Campus Police (available 24 hours a day)
  - In person at the Carlsen Center (CC115)
  - Call 913-469-2500 (direct line) – *Tip: program in your cell phone*
  - Phone app - download JCCC Guardian (the free campus safety app: [www.jccc.edu/guardian](http://www.jccc.edu/guardian))
    - instant panic button and texting capability to Campus Police
  - Anonymous reports to KOPS-Watch <http://www.jccc.edu/student-resources/police-safety/kops-watch-reporting-site.html> or 888-258-3230
- **Be Alert:**
  - You are an extra set of eyes and ears to help maintain campus safety
  - Trust your instincts
  - Report suspicious or unusual behavior/circumstances to Campus Police (see above)
- **Be Prepared:**
  - Identify the red/white stripe Building Emergency Response posters throughout campus and online that show egress routes, shelter, and equipment
  - View A.L.I.C.E. training (armed intruder response training - Alert, Lockdown, Inform, Counter and/or Evacuate) – Student training video: <https://www.youtube.com/watch?v=kMcT4-nWSq0>
  - Familiarize yourself with the [College Emergency Response Plan](#)
- **During an Emergency:** Notifications/Alerts (emergencies and inclement weather) are sent to all employees and students using email and text messaging
  - students are automatically enrolled, see [JCCC Alert - Emergency Notification](#)
- **Weapons Policy:** Effective July 1, 2017, concealed carry handguns are permitted in JCCC buildings subject to the restrictions set forth in the Weapons Policy. Handgun safety training is encouraged of all who choose to conceal carry. Suspected violations should be reported to JCCC Police Department 913-469-2500 or if an emergency, you can also call 911.

## INSTRUCTOR RIGHT

The instructor reserves the right to modify the syllabus. Any modifications will be announced in advance.

## MAP

