

## CIS 275

### Web-Enabled Database Programming

Suzanne Smith

The syllabus is posted on Canvas.

We'll cover a few things from the syllabus right now, but it would be good to take a quick look through the whole thing when you have a chance.

## What is

### “Web-Enabled Database Programming”?

We are going to write web applications that can access data from a database.

We will use ASP.NET MVC.

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**Office:** RC 302

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#### Office Hours:

Monday: 2:00-3:30pm over Zoom

Wednesday: 4:30-6:00pm over Zoom

Friday: 12:00-2:00pm over Zoom

Please make an appointment with me ahead of time if possible.

Other times may also be available by appointment.

### Computer Lab RC 335

This is available for you if you don't have a computer to use or your computer or internet is temporarily unavailable.

#### Regnier Center (RC), third floor



## Textbook & Notes

NO TEXTBOOK

Course notes will be available on Canvas.

# Supplies

Microsoft Visual Studio Community Edition

Visual Studio may be downloaded for free from <https://www.visualstudio.com/downloads/>.

## Tentative Course 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

Our weeks will run from **Tuesday to Tuesday**.

Each week's lesson is officially assigned on Tuesday at 2pm.

All assignments will then be due by the next **Tuesday** at 2pm.

## Course Requirements (How your grade is determined)

### TESTS

Three unit tests will be given worth 100 each.

Students are expected to take all tests during the appropriate week.

IF A TEST IS NOT TAKEN, A MAKEUP WILL BE AVAILABLE FOR YOU DURING FINALS WEEK.

### LABS – 20 POINTS EACH

THERE WILL BE AROUND 10 LAB ASSIGNMENTS.

IF A LAB IS TURNED IN AFTER THE DUE DATE AND TIME, AN AUTOMATIC DEDUCTION OF 5 POINTS WILL BE MADE.

## QUIZZES – 5 PTS EACH

- 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.



## Recap of Late Policy

**Makeup Exams** – Makeups during Finals Week

**Lab Assignments** – 5 point deduction for late lab

**Quizzes** – 2 point deduction for late quiz  
The lowest quiz score will be dropped.

**Final Exam** – Must be taken at the scheduled time.



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



## ACADEMIC DISHONESTY

**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.

**This is very important when it comes to doing your labs. You may ask questions of me or your classmates but you are intended to use your notes and the knowledge you have obtained to create the lab yourself.**

If you don't create the lab yourself or if you work too closely with another person, you will not be prepared for the tests.



## ACCESS SERVICES

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**. Access Services is located on the 2nd floor of the Student Center (SC202).



## HOW DO I STUDY IN THIS COURSE?

Review and study until you **understand** all lessons, projects, notes, etc.

**Practice various tasks.**



## DOS AND DON'TS

- Do not **procrastinate**.
- 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 lab 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.

