

**Syllabus for CIS411
Computer Information Systems
Spring 2018**

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Class Hours: Tuesday 7:00 PM to 8:00 PM (BS008)
Thursday 7:00 PM to 8:00 PM (DAV 304); or

Office Hours: Wednesday 3:30 PM to 5:00 PM or by appointment.

Tutoring: Free tutoring is available to all students through REACH at the following URL:
<http://www.reach.louisville.edu/tutoring/computer/>

Course Description

This course introduces the basic concepts on the workings of web applications and imparts the skills to develop such applications. The student will be able to understand how the communications happen between the clients and server, and use web forms, various server controls and session objects to develop a multi-page web application. The emphasis will be on hands-on training using a widely accepted application development environment.

Important: Please brush up your knowledge about the contents in the courses CIS-199 and CIS-200 as soon as possible.

I request you to bring extra battery backups during the class session on Tuesdays for your laptops because we will have a lot of hands-on work.

Course Objectives

The student will be able to perform the following functions:

- Understand the basics of a web application
- Use Visual Studio 2015 for web application development
- Understand and use HTML and CSS for designing web pages
- Use JavaScript for making dynamic web pages
- Use aspx forms and C# for developing a web application

Course Materials

Required Books/Study material

- Murach's ASP.NET 4.6 Web Programming with C# 2015, by Boehm, Anne and Delamater, Mary

(ISBN-10: 1890774952 | ISBN-13: 978-1890774950)

Course Expectations

The workload in the CIS411 course can be demanding and challenging, as in any programming class. You are expected to invest at least 6 - 10 hours each week in addition to the time spent in the classroom. This is just a guideline, and more (or less) time may be required depending on the competence of the students.

Please schedule your obligations accordingly.

My expectations from you:

1. Attend all class meetings and participate fully in class activities. Failure to attend and prepare for class will have a negative effect on your grade.
2. Read assigned material prior to the class when the material is scheduled to be discussed. Complete all assignments and turn them in on time.
3. Ask questions when you don't understand the assigned reading, in-class presentations, assignments or discussions.
4. Respect the opinions of other students and feel free to present your own and disagree with others (politely).
5. Collaborate with other students (only when appropriate) to enhance understanding of the material.
6. Do not plagiarize or otherwise misrepresent your work. Cases of plagiarism will be reported to the Dean's office and students will face severe consequences.
7. Do not procrastinate! **The material builds on prior work.** Keep up with the flow of all course-related activities. Plan your time wisely – get the course work done ahead of schedule and submit assignments on Blackboard well before the due date. All work that is to be uploaded to Blackboard must be done no later than 11:00 PM on the assigned date.

Instructional Methods

This course is taught through a combination of discussions, in-class lectures, and hands-on problem solving. For the discussion-based portion of the course, you must take an active role. This means you must read the chapter material before class and actively participate in the class discussions. In any class meeting, you may be called upon to expound upon the material with which you have familiarized yourself prior to class. This course places emphasis on critical thinking and reasoning; not on mechanics.

Important points

- Tests and final project: There will be two tests during the semester and a final project. The first test will take half of the class session and the second test will be about 2-2¼ hours long.
- Tests will be closed book and closed notes, unless otherwise stated. Note: Test questions are considered to be the property of UofL College of Business.

- **Homework Assignments (required):** Throughout this course, you will be required to solve many problems as homework and in class assignments. These assignments are intended to help you learn to develop Web Projects. These assignments are meant to prepare you to do well on the tests and final. For all of these assignments, you may choose to work alone or with another student. You must submit homework assignments independently, even if you worked with another student.
- In case of late submission (i.e., after the deadline) I will deduct 1 point per hour of lateness until the class time. After the class time starts, assignment will not be accepted.
- **Class preparation assignments/activities:** The instructor will assign specific tasks to be completed before or during the class sessions. You will be asked to share your work on these assignments with us in class. They will be an important component of your class preparation grade.

Other Notes:

1. You contribute to the class by offering new insights, or otherwise adding value to a discussion, not by merely showing up to class. Class contribution is an important part of the learning process, and your willingness to add to class discussions enriches the learning experience.
2. Put your mobile communication devices to silent mode.
3. Personal computers provided by UofL in labs, classrooms, libraries, and other facilities are strictly intended for educational purposes. Do not install any software, modify settings, or update configurations on desktop PCs unless specifically directed by me, another instructor, or lab assistant.

Grade Basis

Test - 1	25%
Final Exam	35%
Homework Assignments (2)	40%
Class attendance and class contribution (extra credits on top of 100 points) <i>Points are earned by finishing the exercise provided in the class and submitting it. You are allowed to submit this task even when you are physically not present in the class. You get the points so far you submit the task.</i>	2.5%

Each test and the final will include questions from the chapter readings, slides discussed in the class, extra reading material provided, and class and home assignments. Your grade in this course will be determined by considering your performance on all graded aspects of the course as indicated above, appropriately adjusted for the weights.

A+	97.0 - 100%
A	93.0 - 96.9%
A-	90.0 - 92.9%
B+	87.0 - 89.9%
B	83.0 - 86.9%
B-	80.0 - 82.9%
C+	77.0 - 79.9%
C	73.0 - 76.9%
C-	70.0 - 72.9%

D+	67.0 - 69.9%	
D	63.0 - 66.9%	
D-	60.0 - 62.9%	
F	below 60%	UF (Unearned Failure) or EF (Earned Failure)

Grading Policies and Procedures

1. All Assignments are **due on the dates noted in the schedule posted** on Blackboard by the **due date and time**, unless otherwise notified by me. Assignments not submitted by the due date and time will be accepted with penalty for next 24 hours, after which the assignment will not be accepted. Exception will be made only when a proof of an extenuating circumstance (as previously noted) is provided. Lab assigned work are to be submitted for class contribution points. Technology-related issues are NOT an acceptable reason for submitting assignments late. You are expected to keep a digital back-up of all completed or work in progress. It is highly recommended that you use a USB thumb drive or a cloud service (such as Dropbox, Sugarsync, or Google Drive) for such purposes.
2. There will be NO “make-up” tests unless a notable extenuating circumstance occurs and sufficient documented proof of the extenuating circumstance is provided as soon as possible to the professor. Documented proof includes an Athletic Department Excused Absence memo, note on letterhead paper from a physician, hospital discharge paperwork, an obituary notice for a family member, etc. Written documentation must include the phone number of a person who can verify the situation.
3. Test dates are noted on the Course Schedule. If you cannot take a test for a valid reason, you must notify me **PRIOR** to the test date. A make-up test will only be available for unusual and extenuating circumstances and must be arranged prior to the scheduled test date; otherwise there will be no alternate test dates. Any student with a qualifying disability may arrange for a test to be taken over in the Disability Resource Center (see “Request for Accommodations” below). Failure to appear for any test will result in a zero being given for that test unless you have obtained permission from me. The final exam will be administered on the date and time assigned by the Registrar’s office.
4. Grading is, to a large extent, a subjective process. I strive to be consistent.
5. Disputes involving recorded grades: If you have an issue with the score received on an assignment or test, you must send me an email within one week after the score is posted on Blackboard. If you make a case for re-grading of work based on another student’s score on the same assignment or test, I will review and then re-grade your work, as well as the other student’s work from scratch.

You may NOT dispute any assignment or test score that has been posted in “My Grades” (on Blackboard) for more than a week.

6. I reserve the right to “curve” the final letter grade that students receive. Any such curve will not be detrimental to the final grade that you earn in the course. Any curve can only benefit you.

Request for Accommodations

The University of Louisville is committed to providing access to programs and services for qualified students with a disability. If you are a student with a disability and require accommodation to

participate and complete requirements for this class, notify me immediately and contact the Disability Resource Center (<http://louisville.edu/disability>, or in Robbins Hall, phone number 852-6938) for verification of eligibility and determination of specific accommodations. You must provide the professor with the required formal accommodation letter from the Disability Resource Center.

Code of Student Rights and Responsibilities

“Every student is expected to be thoroughly familiar with the University's Code of Student Rights and Responsibilities and Student Conduct which can be found in the 'General Information' section of this catalog. Every student is responsible for reading the academic policies in the Undergraduate Catalog and official announcements of the College of Business and for abiding by such regulations. Specifically, every student is responsible for knowing the grade point averages and program requirements needed for graduation. Students are encouraged to see a CoB academic advisor to clarify any questions or concerns.

Along with preparing for and attending class, each student has the responsibility to promote high academic standards.

Students are expected to cooperate in all classes with faculty members to achieve an optimal learning environment. Inappropriate classroom behavior may result in the student being withdrawn from the course, and potentially assigned academic penalties. Inappropriate classroom behavior will be dealt with in the same manner as academic dishonesty.

The CoB will not tolerate academic dishonesty. The CoB has a strong policy of academic discipline for action against students who commit academic dishonesty or conduct themselves inappropriately in the classroom. A proven case of academic dishonesty will normally result in the student being denied admission to or dismissed from the CoB.

Academic dishonesty is defined by the Code of Student Conduct in the Undergraduate Catalog. Its definition pertains to but is not limited to cheating, fabrication, falsification, multiple submission, plagiarism, and complicity. It is the student's responsibility to maintain high standards of ethical conduct, and intellectual integrity and to be familiar with the definition of academic dishonesty.

As evidence of the seriousness with which the CoB regards these matters, academic dishonesty allegations are handled in accordance with CoB Procedures for Dealing with Academic Dishonesty.”

Religious Holy Days and Observances

"Federal law and university policy prohibit discrimination on the basis of religious belief. It is the policy of the University of Louisville to accommodate students, faculty, and staff who observe religious work-restricted holy days.

STUDENTS: Students who observe work-restricted religious holy days must be allowed to do so without jeopardizing their academic standing in any course. Faculty are obliged to accommodate students' request(s) for adjustments in course work on the grounds of religious observance, provided that the student(s) make such request(s) in writing during the first two (2) weeks of term.

Deans and department chairs must investigate and resolve student complaints arising from alleged faculty failure to make reasonable accommodations under these guidelines."

Title IX/Clergy Act Notification

Sexual misconduct (including sexual harassment, sexual assault, and any other nonconsensual behavior of a sexual nature) and sex discrimination violate University policies. Students experiencing such behavior may obtain **confidential** support from the PEACC Program (852-2663), Counseling Center (852-6585), and Campus Health Services (852-6479). To report sexual misconduct or sex discrimination, contact the Dean of Students (852-5787) or University of Louisville Police (852-6111).

Disclosure to **University faculty or instructors** of sexual misconduct, domestic violence, dating violence, or sex discrimination occurring on campus, in a University-sponsored program, or involving a campus visitor or University student or employee (whether current or former) is **not confidential** under Title IX. Faculty and instructors must forward such reports, including names and circumstances, to the University's Title IX officer.

For more information, see the Sexual Misconduct Resource Guide (<http://louisville.edu/hr/employeerelations/sexual-misconduct-brochure>).

Home Assignment Submissions Days and Time

Assignment # 1	Feb 15 (Thursday, 12 noon)
Assignment # 2	April 05 (Thursday, 12 noon)

Class Schedule

This Syllabus is subject to change as instructional needs dictate. Any significant changes will be posted on Blackboard. **The last topic (Chapter 8) is tentative.**

Class #	Date	Topics
1	01/9 and 01/11	<ul style="list-style-type: none"> Course Introduction and Syllabus review Introduction to ASP.Net Programming (Chapter 1)
2	01/16 and 01/18	<ul style="list-style-type: none"> How to use HTML5, CSS3, and Bootstrap with ASP.Net (Chapter 3) contd. - HTML Part
3	01/23 and 01/25	<ul style="list-style-type: none"> How to use HTML5, CSS3, and Bootstrap with ASP.Net (Chapter 3) contd. - CSS Part JavaScript
4	01/30 and 02/01	<ul style="list-style-type: none"> JavaScript contd.
5	02/06 and 02/08	<ul style="list-style-type: none"> How to develop a One-Page Web Application (Chapter 2) contd.
6	02/13 and 02/15	<ul style="list-style-type: none"> How to develop a One-Page Web Application (Chapter 2) contd. Home Assignment # 1 will be due on Feb 15
7	02/20 and 02/22	<ul style="list-style-type: none"> How to Use the Standard Server Control (Chapter 6) Test 1 review
8-1	02/27	<ul style="list-style-type: none"> How to Use the Standard Server Control (Chapter 6)
8-2	03/01	<ul style="list-style-type: none"> Test #1 - Part 1
9-1	03/06	<ul style="list-style-type: none"> How to Use the Standard Server Control (Chapter 6)
9-2	03/08	<ul style="list-style-type: none"> Test #1 - Part 2
Break		
10	03/20 and 03/22	<ul style="list-style-type: none"> How to develop a multi-page Web Application (Chapter 4)
11	03/27 and 03/29	<ul style="list-style-type: none"> How to develop a multi-page Web Application (Chapter 4)
12	04/03 and 04/05	<ul style="list-style-type: none"> How to develop a multi-page Web Application (Chapter 4) <u>We will discuss the home assignment # 2 in this class</u> Home assignment will be due on April 05 (Tentative)
13	04/10 and 04/12	<ul style="list-style-type: none"> How to work with State, Cookies, and URL Encoding (Chapter 8)
14	04/17 and 04/19	<ul style="list-style-type: none"> How to work with State, Cookies, and URL Encoding (Chapter 8)
	April 26	(8:10PM - 10:40PM) Final Exam