Internet Programming COSC 3351.W01
Department of Computing Sciences
Summer 2018

A. COURSE INFORMATION

Course number/section: COSC 3351/W01
Class meeting time: Online
Class location: Online
Course Website: bb9.tamucc.edu (Blackboard)

B. INSTRUCTOR INFORMATION

Instructor: Ismail Alihan Hadimlioglu
Office location: EN-316L
Office hours: M 9:00 am - 12:00 pm
Telephone: 361-825-3436
E-mail: ismail.hadimlioglu@tamucc.edu
Appointments: To schedule your visits properly, please send me an e-mail beforehand

C. COURSE DESCRIPTION

Catalog Course Description
Intensive study of how the World Wide Web is programmed with a focus on dynamic programming. An overview of the concepts of the human-computer interface, including interface design and evaluation, modes of interaction, understanding the behavior of the user, diversity in UI design, user mental models, and anthropomorphisms.

Extended Course Description
Throughout the course, you will be exposed to various web programming languages. Starting with the basics of HTML, CSS, JavaScript and XML, you will learn to manage a dynamic website. On top of these languages, you will develop server-side web applications by applying the principles of ASP .NET development scheme using C# as the language.

D. PREREQUISITES AND COREQUISITES

Prerequisites
COSC 1436 Introduction to Problem Solving with Computers II

Corequisites
COSC 3336 Introduction to Database Systems (Pre or Co-requisite)

E. REQUIRED TEXTBOOK(S), READINGS AND SUPPLIES

Recommended Textbook(s)
Murach’s ASP.NET 4.6 Web Programming with C# 2015, 6th Edition, Murach

Supplies
None
F. STUDENT LEARNING OUTCOMES AND ASSESSMENT

Assessment is a process used by instructors to help improve learning. Assessment is essential for effective learning because it provides feedback to both students and instructors. A critical step in this process is making clear the course’s student learning outcomes that describe what students are expected to learn to be successful in the course. The student learning outcomes for this course are listed below. By collecting data and sharing it with students on how well they are accomplishing these learning outcomes students can more efficiently and effectively focus their learning efforts. This information can also help instructors identify challenging areas for students and adjust their teaching approach to facilitate learning.

By the end of this course, students should be able to:

1. Analyze a problem, identify and define the requirements appropriate to its solution
2. Design, implement and evaluate a server-side web application
3. Function effectively on teams to build a web application
4. Communicate effectively in front of an audience through discussions and presentations
5. Apply design and development principles in the construction of web applications

G. INSTRUCTIONAL METHODS AND ACTIVITIES

New material and concepts will be presented online through the use of lecture recordings, tutorials and sample programs. Programming assignments will be used to review and reinforce topics covered in these lectures.

H. MAJOR COURSE REQUIREMENTS AND GRADING

To assess theoretical knowledge, 2 midterms and a final exam will be provided to the students.

As knowledge of programming plays an important part in your success, various assignments will evaluate your skills in programming and understanding of web concepts.

I reserve the right to change any assignment, grading scheme, or any other course requirements. I will announce such changes in a timely manner through Blackboard announcements.

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<tr>
<th>ACTIVITY</th>
<th>% of FINAL GRADE</th>
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<tbody>
<tr>
<td>Exam I</td>
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<td>Exam II</td>
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<td>Final Exam</td>
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<td>Practice Sessions</td>
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<tr>
<td>Review Questions</td>
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<td>Assignments</td>
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I. COURSE CONTENT/SCHEDULE

<table>
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<tr>
<th>DATE</th>
<th>UNIT($)</th>
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<tbody>
<tr>
<td>Week 1 (May 29)</td>
<td>Intro, HTML</td>
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<tr>
<td>Week 2 (June 4)</td>
<td>CSS, Javascript</td>
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<tr>
<td>Week 3 (June 11)</td>
<td>XML, AJAX, JSON</td>
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<tr>
<td>Week 4 (June 18)</td>
<td><strong>Exam I (June 18)</strong></td>
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<td></td>
<td>Intro to Asp.Net</td>
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<td>Week 5 (June 25)</td>
<td>Server Controls, Validation Controls</td>
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<td>Week 6 (July 2)</td>
<td>Database Programming</td>
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<td>Week 7 (July 9)</td>
<td>Master Pages &amp; Bootstrap</td>
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<td>Week 8 (July 16)</td>
<td><strong>Exam II (July 16)</strong></td>
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<td>Gridview, Listview</td>
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<tr>
<td>Week 9 (July 23)</td>
<td>Detailsview, Formview, Cookies</td>
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<td>Week 10 (July 30)</td>
<td>SMTP</td>
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<td>August 2</td>
<td><strong>Final Exam</strong></td>
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Note: Changes in this course schedule may be necessary and will be announced to the class by the Instructor. For detailed information on Assignments, please check Blackboard.
J. COURSE POLICIES

Attendance/Tardiness
Course is fully online and it is self-paced. Therefore, there is no attendance requirements.

Late Work and Make-up Exams
If you notify me immediately about serious and unavoidable circumstances that can be documented (e.g., with a letter from your doctor), I will discuss options for replacing the missing grade. Excused absences due to school sponsored activities, religious observations, family events, etc. should be discussed in advance. Makeup exams will be different from regular exams.

This course uses a late work policy. The following grading scheme will be applied for late labs, assignments, projects and any other submissions:

- 0-1 day: -20
- 1-2 days: -40
- 2+ days: -100

Extra Credit
Extra credit is not offered so the grading scheme mention in Section H will be used.

Cell Phone Use
Not applicable for this course as we do not meet in class.

Laptop Use
Not applicable for this course as we do not meet in class.

Food in Class
Not applicable for this course as we do not meet in class.

Missed Exam
It is your responsibility to take the exams on time. If you miss an exam with no excuse no makeup exam will be provided.

Participation
Not applicable for this course as we do not meet in class.
K. COLLEGE AND UNIVERSITY POLICIES

- **Academic Integrity (University)**
  University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a failing grade.

- **Classroom/Professional Behavior**
  Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

- **Statement of Civility**
  Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

- **Deadline for Dropping a Course with a Grade of W (University)**
  The grade of W will be assigned to any student officially dropping a course. Please consult with the instructor before you decide to drop to be sure it is the best thing to do. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. Should dropping the course be the best course of action, visit the Office of the University Registrar for the Course Drop Form that must submitted. No student is eligible to receive a W without completing the official drop process by this deadline. Please consult the Academic Calendar (http://www.tamucc.edu/academics/calendar/) for the last day to drop a course.

- **Grade Appeals (College of Science and Engineering)**
  As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first
discuss the matter with the instructor. For complete details, including the responsibilities of the
parties involved in the process and the number of days allowed for completing the steps in the
process, see University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These
documents are accessible through the University Rules website at
http://www.tamucc.edu/provost/university_rules/index.html, and the College of Science and
Engineering Grade Appeals webpage at http://sci.tamucc.edu/students/GradeAppeal.html. For
assistance and/or guidance in the grade appeal process, students may contact the chair or
director of the appropriate department or school, the Office of the College of Science and
Engineering Dean, or the Office of the Provost.

- Disability Services
  The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides
comprehensive civil rights protection for persons with disabilities. Among other things, this
legislation requires that all students with disabilities be guaranteed a learning environment that
provides for reasonable accommodation of their disabilities. If you believe you have a disability
requiring an accommodation, please call (361) 825-5816 or visit Disability Services in Corpus
Christi Hall 116.
  If you are a returning veteran and are experiencing cognitive and/or physical access issues in
the classroom or on campus, please contact the Disability Services office for assistance at (361)
825-5816. http://disabilityservices.tamucc.edu/

- Statement of Academic Continuity
  In the event of an unforeseen adverse event, such as a major hurricane and classes could not
be held on the campus of Texas A&M University–Corpus Christi; this course would continue
through the use of Blackboard and/or email. In addition, the syllabus and class activities may
be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web
sites, and Blackboard) will be operational within two days of the closing of the physical campus.
However, students need to make certain that the course instructor has a primary and a
secondary means of contacting each student.

L. OTHER INFORMATION

- Academic Advising
  The College of Science & Engineering requires that students meet with an Academic Advisor
as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan,
which must be signed by the student, a faculty mentor, and the department chair. Meetings
are by appointment only; advisors do not take walk-ins. Please call or stop by the Advising
Center to check availability and schedule an appointment. The College’s Academic Advising
Center is located in Center for Instruction 350 or can be reached at (361) 825-3928.

GENERAL DISCLAIMER

I reserve the right to modify the information, schedule, assignments, deadlines, and course policies in
this syllabus if and when necessary. I will announce such changes in a timely manner during
regularly scheduled lecture periods.