ISM 672: Web Programming
Fall 2017
Instructor: Mohammad Daneshvar Kakhki
Office: 484 Bryan Building
E-Mail: m_danesht@uncg.edu
Office Hours: By Appointment

CATALOG DESCRIPTION:
Apply fundamental programming concepts in designing and implementing applications for the web. Foundations for developing web applications.

STUDENT LEARNING OUTCOMES:
Upon successful completion of this course students will be able to:
1. Analyze programming principles for developing web applications.
2. Examine programming concepts for developing web applications.
3. Test technologies needed for developing web applications.
4. Evaluate programming techniques in developing web applications.
5. Evaluate entrepreneurial opportunities related to using Web applications and technologies.
6. Synthesize managerial and entrepreneurial issues related to using web applications in a new or existing business.

REQUIRED MATERIAL:

- Canvas Course Management Systems (https://canvas.uncg.edu). All needed learning recourses except your textbook are available electronically via UNCG’s Canvas software. Please sign into Canvas to gain access to the material. Course materials, announcements and updates will be posted on Canvas regularly. I request you to check daily.

EVALUATION AND GRADING:
- Assignments
Programming and web development assignments and constitute a major portion of the requirements for this course. Students are required to each assignment. Each assignment is due at 11:59 pm on the scheduled due date. Assignments turned in late will be assessed a grading penalty.

Assignments submitted after the due date may not be accepted but, if they are based on valid excuse, there will be a minimum of a 20% reduction for each day late. Please do not procrastinate on the assignments.

- Exams
This course has a midterm and final exam. No makeup examination is offered for any reason. The midterm and final will be given online. It may require the use of VS software. Students are required to take the exam in a 48-hour time window. The final exam is cumulative. More will be discussed about the exam.
• **Exams**
This course has a midterm and final exam. No makeup examination is offered for any reason. The midterm and final will be given online. It may require the use of VS software. Students are required to take the exam in a 48-hour time window. The final exam is cumulative. More will be discussed about the exam.

• **Evaluation and Grading:**

*Grading:* The course grade will be calculated using the following weights:

<table>
<thead>
<tr>
<th>Course Components</th>
<th>% of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments</td>
<td>35%</td>
</tr>
<tr>
<td>Class Participation</td>
<td>5%</td>
</tr>
<tr>
<td>Midterm Exam and Project</td>
<td>25%</td>
</tr>
<tr>
<td>Midterm project (15%)</td>
<td></td>
</tr>
<tr>
<td>Midterm Exam (10%)</td>
<td></td>
</tr>
<tr>
<td>Final Exam and Project</td>
<td>35%</td>
</tr>
<tr>
<td>Final Exam (15%)</td>
<td></td>
</tr>
<tr>
<td>Final Project (20%)</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL** 100%

Letter Grades and Points
93-100% = A  90-92% = A-  87-89% = B+  83-86% = B  80-82% = B-
77-79% = C+  73-76% = C  Below 73% = F
THREE

This schedule is tentative and changes may be required during the semester.

ISM 672 – Fall 2017

Tentative Course Schedule

This course outline is subject to change. Additional specific changes and changes to the outline will be provided on Canvas.

Assignments are due on Sunday of each week at 11:55 PM unless otherwise specified **

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Deliverables</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1: 8/15</td>
<td>Orientation, Introduction and Chapter 1</td>
<td>Discussion - Introductions</td>
<td>8/20/2017</td>
</tr>
<tr>
<td>Week 2: 8/21</td>
<td>Chapter 1 and HTML</td>
<td>HTML Assignment</td>
<td>8/27/2017</td>
</tr>
<tr>
<td>Week 3: 8/28</td>
<td>Chapter 2: Building an ASP.NET Website</td>
<td>Chapter 2 - Try it Outs</td>
<td>9/3/2017</td>
</tr>
<tr>
<td>Week 4: 9/4</td>
<td>CSS</td>
<td>CSS Assignment</td>
<td>9/10/2017</td>
</tr>
<tr>
<td>Week 5: 9/11</td>
<td>Chapter 3 - Designing Your Web Pages</td>
<td>Chapter 3 - Try it Outs</td>
<td>9/17/2017</td>
</tr>
<tr>
<td>Week 6: 9/18</td>
<td>Chapter 4 - Working with ASP.NET Server Controls</td>
<td>Chapter 4 - Try it Outs</td>
<td>9/24/2017</td>
</tr>
<tr>
<td>Week 7: 9/25</td>
<td>Chapter 5 - Programming Your ASP.NET Web Pages</td>
<td>Chapter 5 - Try it Outs</td>
<td>10/1/2017</td>
</tr>
<tr>
<td>Week 8: 10/2</td>
<td>Midterm Project and Midterm Exam</td>
<td>Midterm Project and Midterm Exam</td>
<td>10/11 Wednesday, Fall Break 10/7-10/10</td>
</tr>
<tr>
<td>Week 9: 10/9</td>
<td>Chapter 6 - Creating Consistent Looking Websites</td>
<td>Chapter 6 - Try it Outs</td>
<td>10/15/2017</td>
</tr>
<tr>
<td>Week 10: 10/16</td>
<td>Chapter 7 - Navigation</td>
<td>Chapter 7 - Try it Outs</td>
<td>10/22/2017</td>
</tr>
<tr>
<td>Week 11: 10/23</td>
<td>Chapter 8 - User Controls</td>
<td>Chapter 8 - Try it Outs</td>
<td>10/29/2017</td>
</tr>
<tr>
<td>Week 12: 10/30</td>
<td>Chapter 9 - Validating User Input</td>
<td>Chapter 9 - Try it Outs</td>
<td>11/5/2017</td>
</tr>
<tr>
<td>Week 13: 11/6</td>
<td>Chapter 10 - Ajax, Chapter 11 - Jquery</td>
<td>Chapter 10 and Chapter 11 - Try it Outs</td>
<td>11/12/2017</td>
</tr>
<tr>
<td>Week 14: 11/13</td>
<td>Chapter 12 - Introduction to Databases</td>
<td>Chapter 12 - Try it Outs</td>
<td>11/19/2017</td>
</tr>
<tr>
<td>Week 15: 11/20</td>
<td>Chapter 13 - Displaying and Updating Data</td>
<td>Chapter 13 - Try it Outs</td>
<td>11/26/2017</td>
</tr>
<tr>
<td>Week 16: 11/27</td>
<td>Final and Final Project</td>
<td>Final Exam and Final Project</td>
<td>12/3/2017 ** This is due on Sunday</td>
</tr>
</tbody>
</table>
Attendance Policy:
ISM672 will meet on Thursday evenings from 6:30 to 9:20 pm beginning the week of August 15, 2017. It is the student’s responsibility to attend class and to participate in class discussions. It is the student’s responsibility to stay on track with readings and assignments to be successful in the course.

Netiquette:
The same guidelines that apply to traditional classes should be observed in the virtual classroom environment. Please use proper netiquette when interacting with class members and the professor.

Policy on Server Unavailability or Other Technical Difficulties:
The university is committed to providing a reliable online course system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will extend the time windows.

What you need to take this course:
1. Your textbook.
2. You must have access to a computer that connects to the Internet. The course materials are only accessible online by logging in to canvas.uncg.edu - your student identification number is required. If you do not own a computer, the computer labs on campus will be open during this semester.
3. You must have a working e-mail account. Your first assignment will be to update your e-mail address on the course Web site. Instructions are online at canvas.uncg.edu - you must log in to see the course materials.
4. Because of e-mail viruses, you must use the subject ISM 672 and your full name typed in the message, or the e-mail may be ignored.
5. If you have questions, please do not respond to a Canvas Announcement, rather send me a direct email.
6. You must check your e-mail account regularly throughout the semester. Official announcements will be made by e-mail, and on the course Web site at canvas.uncg.edu.
7. You are responsible for saving all assignments correctly, so you can turn them in electronically. You should be comfortable using word processing software, programming software and have reasonable keyboarding skills. No assignments will be accepted in handwritten form.
8. Supplies: Although you will be publishing (uploading) your assignments, it's a good idea to keep copies of everything.

Electronic Mail and Canvas Accounts:
You should check your UNCG email and Canvas course link regularly as I may send email updates or add new info on Canvas on an ongoing basis. You will be responsible for any information or announcements contained in the email messages or updates on Canvas.

Academic Integrity Policies:
Students in the Bryan School must conform to all existing principles found in UNCG’s Academic Integrity Policy and the Student Code of Conduct. Further details may be found at the following site:
http://sa.uncg.edu/handbook/

Expectations of Faculty and Students in the Bryan School:
Students should read the Guidelines for Faculty and Students presented on the web pages found at:

Course Evaluation
Each student will be asked by the University to complete an on-line course evaluation near the end of the course. This evaluation is important to the University in its efforts to continually improve the delivery of courses. More information about the evaluation will be provided later in the course.
Course Routine and Schedule

To provide some structure to each week of study, you should follow the routine described below:

- **On each Monday** check Canvas for that week. Review what is expected of you and begin your readings, etc.
- If a WebEx online lecture is schedule for the week, it will take place on **Monday or Wednesday evening** unless otherwise noted.
- **By Thursday or Friday** of each week, you should have completed the readings and started the assignments if any are due.
- All **assignments are due on Sunday evening unless otherwise noted** and should be uploaded before the cut off time.
- I will respond to emails within 24 business hours. I will read and post comments when appropriate in the discussion forums. The grade book will be updated in a timely manner. You may access your grade via Canvas.

Other Useful Information

**Emails:**

- Always include ISM672 in the subject line.
- Please place questions in direct emails, do not respond to Canvas Announcement. It is hard to follow and email thread that is a response to an announcement.
- Remember without facial expressions some comments may be taken the wrong way. Be careful in wording your emails.
- Use standard fonts.
- Do not send large attachments without permission.
- Special formatting such as centering, audio messages, tables, html, etc. should be avoided unless necessary to complete an assignment or other communication.

**Discussion Groups:**

- Review the discussion threads thoroughly before entering the discussion.
- Try to maintain threads by using the "Reply" button rather starting a new topic.
- Do not make insulting or inflammatory statements to other members of the discussion group. Be respectful of other’s ideas.
- Be patient and read the comments of other group members thoroughly before entering your remarks.
- Be cooperative with group leaders in completing assigned tasks.
- Be positive and constructive in group discussions.
- Respond in a thoughtful and timely manner.

**On-line Chats:**

- Introduce yourself to the other learners in the chat session.
- Be polite. Choose your words carefully. Do not use derogatory statements.
- Be concise in responding to others in the chat session.
- Be prepared to open the chat session at the scheduled time.
- Be constructive in your comments and suggestion