COMS 463/COMS563  Client/Server & Web Applications  4 credits
Course Syllabus - Spring Semester 2004

Professor:  Dr. Mahbubur Rahman Syed, Office:WH227, Email: mahbubur.syd@mnsu.edu
Phone: (507) 389 3226  Subject URL: http://krypton.mnsu.edu/~syedm/coms463s04/

Class Meeting Times: Tuesday and Thursday 12:00 - 1:50PM TR E 315 section 2;
                   Wednesday 6:00 PM-9:50PM TR E 315 section 1;

Office Hrs:  TWHF  10:00-11:50AM
             TH   02:00--02:50PM

The instructor reserves the right to make adjustment to this syllabus as the course progresses. Students will be
informed in the class of any changes as they are made.

Course Objectives: After completing this course you should have sufficient experience in dynamic web page
development with database connectivity to work on moderately complex projects. You should also understand the key
aspects of web based client-server applications well enough to appreciate the differences between various technical
approaches and evaluate their relative strengths and weaknesses. Pre requisite: COMS 362 (recommended), COMS 380.

Text:    Internet Programming with VBScript and JavaScript, Kathleen Kalata, Course Technology
        Web Programming, Ekedahl Bai et al, Course Technology
        Recommended: Beginning Active Server Pages 3.0, David Buser et. al., Wrox Press Ltd.
        Web design Technologies Gosselin, Sklar et al., Course Technology
        Reference: JavaScript (second Edition – Comprehensive), Don Gosselin, Course Technology

Additional materials will be made available on-line in the subject web page
(URL: http://krypton.mnsu.edu/~syedm/coms463f03/).

Grading: The final grades in this course will be based on the total points accumulated from the following evaluation criteria:
    Mid-term Exam: 15 points  Group/ Individual Projects: 45 points
    Final: 25 points  Class Presentations of Projects: 5 points
    Pop Quiz/TakeHome Quiz/Class participation: 10 points

Make-Up: Individual MAKE-UP EXAMS or Make-up Quizzes will not be allowed for any reason. However,
there will be a comprehensive exam towards the end of the semester. This may be used for a make-up of the mid-
term or improving mid-term grades, if necessary. 1 of the quizzes with the lowest grade will be dropped, which
may be used for a quiz make-up or improvement of quiz grade.

Assignments/projects must be handed in on time. Any assignment/project can be turned in before the due date.
You may turn in a project submission/assignment after it is due, but with the following penalty (independent of
any reason for late submission):
    • 10% off for each 24 hours up to 48 hours.
    • 15% off for each 24 hours after 48 hours.

Plan to submit your project/lab/assignment before the due date to avoid any unforeseen last moment emergency
situation and to avoid penalties. Loss of data and damage of disk will not be accepted as an excuse for not having
a project/assignment completed. Keep necessary backups to safeguard your data on the disk. You must keep
copies or backup of your works before you submit. All materials submitted must be neatly done, stapled and
included a cover page with the following information on it:
    • your name.
    • subject name, subject code, your section, semester and year,
    • submission title,
    • date and time when the assignment is submitted by you,

Submissions not conforming to the guidelines and requirement will not be accepted or will be penalized.
Letter Grades: Points accumulated from the examinations, assignment and Quizzes and class performance will be used in assigning a course grade as shown below.

90-100% of possible points earns an A
80-89% of possible points earns a B.
70-79% of possible points earns a C.
60-69% of possible points earns a D.
Below 60% of possible points earns an F

NO incomplete grades are given except as stated in the University policy. Any one with 100% attendance (no absence independent of any reason) and satisfactory class performance/participation in the class will earn 1 extra point to the total.

Tentative Exam weeks and dates: (The dates may be changed depending on the progress in the class)
Mid-term Exam: week starting March 15, 2004
Mid-term Make-up/Grade improvement: week starting April 12, 2004
Final: Will be posted on the web as per spring 2004 schedule and/or as discussed in the class.

All examinations will be comprehensive.

Tentative Course Coverage
A tentative course coverage is shown below and may require updating during the semester. Announcements regarding changes will be made in the class.

<table>
<thead>
<tr>
<th>Estimated Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 weeks</td>
<td>Introduction to client/server and WWW concepts, HTML coding. Project group formation and initial assignments of term projects.</td>
</tr>
<tr>
<td>2 weeks</td>
<td>Intro to dynamic web pages and ASP. User requirements for term projects. Project data model development and prototyping. Finalization of page navigation.</td>
</tr>
<tr>
<td>2 weeks</td>
<td>Scripting. Database consideration for web based applications. Presentation.</td>
</tr>
<tr>
<td>4 weeks</td>
<td>Scripting continued. Web security aspects. Project implementation and testing</td>
</tr>
<tr>
<td>2 weeks</td>
<td>Project implementation and testing. Project status presentation.</td>
</tr>
<tr>
<td>2 weeks</td>
<td>Final project presentation, final system testing, user training and documentation.</td>
</tr>
</tbody>
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Any changes and further details will be announced in the class from time to time.

Class Regulations
- Lecture attendance is necessary to be updated with the progress and requirements. Students are responsible to keep themselves aware of all materials, announcements, or changes made during class.
- Any confusion about assignment task must be clarified immediately (no later than 3 days from the date it is assigned). Any confusion on exam questions or quiz must be clarified during the test period. Students are responsible for ensuring that their exams are not missing any questions or pages.

Students With Disabilities: Every effort will be made to accommodate qualified students with disabilities. If you are a student with a documented disability who will need academic accommodations, please see me during the first week of class to discuss any special arrangement necessary. You should also contact the Disability Services Office at 389-2825 or 800-627-3529 (MRS/TTY).

Academic Honesty Policy: By staying enrolled in this class, you agree to abide in the University's Policy for Academic Honesty which appears in the Student Handbook under the section heading "Academic Honesty". Failure to abide and respect the Academic Honesty Policy will result in severe penalties as allowed by the University.

ANY CONFUSION, CLARIFICATION AND/OR INABILITY TO MEET ANY REQUIREMENT MUST BE DISCUSSED WITH THE INSTRUCTOR BY 16 January 2004.