GENERAL INFORMATION

Subject Coordinator
Ms Penney McFarlane
Telephone Number: 4221 4864
Email: penney@uow.edu.au
Location: 3.115

Ms McFarlane’s consultation times during session:
Day        Time
Tuesday    2.00 PM – 4.00 PM
Wednesday 10.00 AM – 12.00 PM

Subject Organisation
Session: Spring Session, Wollongong Campus
Credit Points: 6 credit points
Contact hours per week: 1 hr lect, 2 hrs tut/lab
Lecture Times & Location: Tuesday, 4.30 – 5.30 PM & 35.G45
Tutorial Day, Time and Location can be found at: http://www.uow.edu.au/student/sols/timetables/index.html

Students should check the subject's web site regularly as important information, including details of unavoidable changes in assessment requirements will be posted from time to time via e-Learning space http://www.uow.edu.au/student/lol. Any information posted to the web site is deemed to have been notified to all students.

Content

This subject investigates topics such as the following within the context of world wide networking: Web Technologies & Protocols; Software Development and Quality Assurance for Web Applications; Network Security; Client-side and Server-side Practical Tools for the Web; Local and International Web-based Policy and Practice in Education, Business and Government; Content Management for the Web; Current Legal Issues and the Web; and Web Services. Emphasis will be placed on group work with students required to participate in problem solving communications tasks. Web based activities will be an essential element in the conduct of this subject. Other activities may include: the running of a bulletin board or Internet mailing list or the maintenance of a World Wide Web site.

Objectives

A student who successfully completes this subject should be able to: (i) identify the technical, social and legal problems related to the developments in world wide networking; (ii) debate legal, business and social issues confronting the global networking community; (iii) critically analyse current standards and policies in relation to world wide networking; (iv) demonstrate a capacity to work as a team member; (v) discuss the key technical and security related issues confronting network managers; and (vi) evaluate use of global networks as an educational medium. (vii) Develop and create websites using basic technologies.
Attendance Requirements
It is the responsibility of students to attend all lectures/tutorials/labs/seminars/practical work for subjects for which you are enrolled.

It should be noted that the amount of time spent on each 6 credit point subject should be at least 12 hours per week, which includes lectures/tutorials/labs etc.

Satisfactory attendance is deemed to be attendance at approximately 80%* of the allocated contact hours. Attendance rolls may be kept for lectures, TUTORIALS and laboratories. If you are present for less than 80%* you need to apply for special consideration, otherwise a fail grade may be recorded.

Method of Presentation
Each lecture will examine a topic as specified in the course schedule. Tutorials and Labs will commence in week 2. Tutorials and Labs will alternate for each hour. For instance, Group A will have their tutorials first, then move to their lab session. Group B will have their lab first and then move to their tutorial. This will continue for each coupling of tutorials.

The tutorials will consist of group exercises, readings, discussions and presentation. Labs are individually based and will focus on the practical experience with the technologies addressed.

Satisfactory participation in tutorials and labs is a prerequisite for the successful completion of this course. Students must attend 80% of labs/tutes in order to pass the subject. Failure to comply may result in a fail grade being recorded. Refer to the assessment requirements regarding participation.

Lecture Schedule
A proposed Lecture schedule for the subject is as follows*:

<table>
<thead>
<tr>
<th>S.NO</th>
<th>Topics</th>
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<tbody>
<tr>
<td>1</td>
<td>Introduction: Subject Overview and Assessment</td>
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<tr>
<td>2</td>
<td>Underlying Infrastructure and Technologies: Web Technologies &amp; Protocols</td>
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<tr>
<td>3</td>
<td>Software Development for Web Applications</td>
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<td>4</td>
<td>Quality Assurance for Web Applications</td>
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<td>5</td>
<td>Network Security (1)</td>
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<tr>
<td>6</td>
<td>Network Security (2)</td>
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<tr>
<td>7</td>
<td>Client-side Practical Tools for the Web: Scripting Languages, Cookies/Java Applets</td>
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<tr>
<td>8</td>
<td>Server-side Practical Tools for the Web (CGI): Perl/PHP, ASP</td>
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<tr>
<td>9</td>
<td>Education, Business and Government: Local and International Web-based Policy and Practice</td>
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<td></td>
<td>Mid Session Break</td>
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<tr>
<td>10</td>
<td>Content Management for the Web (continued): XML/XSL</td>
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<tr>
<td>11</td>
<td>Current Legal Issues and the Web: Privacy, Kazaa, SPYWARE</td>
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<tr>
<td>12</td>
<td>Web Services, .NET and Subject Wrap-up</td>
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<tr>
<td>13</td>
<td>Course Review</td>
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Subject Materials
Please note that this subject will be delivered in conjunction with UOW e-learning space. On-line group-oriented discussion via UOW e-learning space on topics related to the content of the subject form part of the subject assessment (see below). Readings and important subject resources will also be posted on the UOW e-learning space.

Textbooks:
The texts below are reference suggestions only. No text is prescribed for this session:

- Effective Website Development: Tools and Techniques, Keith Darlington, Addison Wesley 2005

These may be available from UniCentre Bookshop. These readings/references are recommended only and are not intended to be an exhaustive list. Students are encouraged to use the library catalogue and databases to locate additional readings.
Assessment

This subject has the following assessment components.

<table>
<thead>
<tr>
<th>Assessment Items &amp; Format</th>
<th>Percentage of Final Mark</th>
<th>Due Date</th>
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</thead>
<tbody>
<tr>
<td>1. Examination</td>
<td>40%</td>
<td>Examination Period</td>
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<tr>
<td>2. Participation in On-line Discussion</td>
<td>10%</td>
<td>On-going, due at the end of each week (12 pm, mid-night on Sundays)</td>
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<tr>
<td>3. Project proposal and presentation</td>
<td>5%</td>
<td>Week 4</td>
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<td>4. Project progress report and presentation</td>
<td>5%</td>
<td>Week 8</td>
</tr>
<tr>
<td>5. Project final report and presentation</td>
<td>20%</td>
<td>Weeks 11 and 12</td>
</tr>
<tr>
<td>4. Laboratory Exercises</td>
<td>10%</td>
<td>Weekly</td>
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<tr>
<td>5. Tutorial Exercises</td>
<td>10%</td>
<td>Weekly</td>
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</table>

Notes on Assessment

All assignment details will be available at the subject website and will also be announced in the lecture as the session progresses. Participation in assessment relates to both tutorial and lab work, and to web based activates which will be linked to tutorials.

Unless otherwise notified by the subject coordinator, all written assignments must be submitted electronically.

All assignments are expected to be completed independently. Plagiarism may result in a FAIL grade being recorded for that assignment.

Special Consideration Policy

Sometimes, in exceptional circumstances, students need to apply for special consideration in order to complete all assessable work.

The University applies strict criteria to the granting of special consideration. Before applying for special consideration students should carefully read the University’s policy. The policy can be found at:


As an example: If a student requires an extension of time for the completion of an assignment this may be granted in certain circumstances. A request for an extension must be made to the Subject Coordinator via SOLs before the due date.

Scaling

Final results in this subject may be scaled. The scaling method that will be used in this subject is as follows.

If E is the student exam mark, and A is the student assignment mark, the student final mark will be determined as follows:

\[
\text{if } E \geq 40\% \text{ of the maximum exam mark: then student final mark is } E + A; \\
E < 40\% \text{ of the maximum exam mark: then student final mark is } \min\{E+A, 47\}
\]

Additional Information

Students must refer to the Faculty Handbook or online references which contain a range of policies on educational issues and student matters.

Supplementary Exams

Supplementary Exams will be dealt with in accordance with Special Consideration Policy (http://www.uow.edu.au/handbook/courserules/specialconsideration.html) 6.2 Timing of Supplementary Exams.

While the School normally grants supplementary exams when the student does not sit the standard exam for an acceptable reason, each case will be assessed on its own merit and there is no guarantee a supplementary exam will be granted. If a supplementary exam is granted, you will normally be notified via SOLS Mail of the time and date of this supplementary exam. You must follow the instructions given in the email message.

Please note that if this is your last session and you are granted a supplementary exam, that your results will not be processed in time to meet the graduation deadline.
Plagiarism

When you submit an assessment task, you are declaring the following

1. It is your own work and you did not collaborate with or copy from others.
2. You have read and understand your responsibilities under the University of Wollongong's policy on plagiarism.
3. You have not plagiarised from published work (including the internet). Where you have used the work from others, you have referenced it in the text and provided a reference list at the end of the assignment.
4. Plagiarism will not be tolerated.
5. Students are responsible for submitting original work for assessment, without plagiarising or cheating, abiding by the University’s policies on Plagiarism as set out in the Calendar under University Policies, and in Faculty handbooks and subject guides. Plagiarism has led to the expulsion from the University.

Student Academic Grievance Policy

The School aims to provide a fair, equitable and productive learning environment for all its students. The Student Academic Grievance Policy seeks to support the achievement of this goal by providing a transparent and consistent process for resolving student academic grievances.

Any student who has a grievance over a result should obtain a Faculty of Informatics Appeal Against Decision or Action Affecting Academic Experience form from the Informatics Student Enquiry Centre or http://www.uow.edu.au/content/groups/public/@web/@inf/@faculty/documents/doc/uow017433.pdf. The student should firstly take the form to the marker/lecturer to discuss the matter and, if the student is still not satisfied, s/he should take the next step as outlined on the form.

Once the grievance has been considered by the Faculty, if the student still feels the situation has not been fully resolved s/he may consult the Dean of Students. However, the Dean of Students can have no input into the academic judgement of the lecturer and can only review the grievance to ensure proper procedure has been followed. For more information, please consult the UOW policy in full at: http://www.uow.edu.au/handbook/courserules/studagrievpol.html

This outline should be read in conjunction with the following documents:

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<tbody>
<tr>
<td>Key Dates</td>
<td>Information Literacies Introduction Program</td>
<td>Plagiarism will not be tolerated</td>
<td>Information Literacies Introduction Program</td>
<td>Intellectual Property Policy</td>
<td>SCSSE SISAT Internet Access &amp; Student Resource Centre</td>
<td>SCSSE SISAT Style Guide for Footnotes, Documentation, Essay and Report Writing</td>
<td>SCSSE SISAT Subject Outlines</td>
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