GENERAL INFORMATION

Subject Coordinator

Mr. Glenn Bewsell
Telephone Number: 42215683
Email: gbewsell@uow.edu.au
Location: 39.216

Mr. Glenn Bewsell’s consultation times during session:

Day    Time
Monday 1:30 – 3:30 p.m.
Tuesday 1:30 – 3:30 p.m.

Lecturer

Mr. Will Tibben
Telephone Number: 42213768
Email: wjt@uow.edu.au
Location: 39.110

Mr. Will Tibben’s consultation times during session:

Day    Time
Tuesday 14.30 – 16.30
Wednesday 10.30 – 12.30

Subject Organisation

Session: Spring Session, Wollongong Campus
Credit Points: 6 credit points
Contact hours per week: 2 hours lectures, 2 hours tutorial
Lecture Times & Location: Tuesday, 9.30 AM – 10.30 AM & 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

The aim of the subject is to provide students with an introduction to the technologies and regulatory structures which constitute the modern telecommunications system. Under regulatory components, the variety of telecommunications services and related regulatory concepts and structures are discussed. Under technological components, the following issues are dealt with: telecommunications standards; new network services; and basic components of the telecommunications system such as the public switched network, the radio frequency spectrum, mobile telephony and satellites.

Objectives

A student who successfully completes this subject should be able to:
(i) explain the basic components of the modern telecommunications system;
(ii) describe the fundamental technological and regulatory aspects of the modern telecommunications system;
(iii) discuss some of the current social, economic and political issues surrounding telecommunications and its regulation;
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
Lectures are designed to encourage students to develop new and more sophisticated approaches to the study of information and telecommunications technology (ITT).

There is no tutorial in the first week. The week 2 tutorials will bring students together to get familiar with others and form groups. The primary objective of tutorials is to clarify, consolidate and extend your understanding of lecture material. Tutorials ideally should be a forum in which you are able to learn in a supportive environment. Students may wish to extend this idea to include electronically mediated forums through the use of technologies such as UOW e-Learning space. Students will be encouraged to contribute additional materials on the weekly topic that they find interesting - journal, newspaper and magazine articles as well as Internet sources are examples of such contributions.

Students are required to read the articles found in the Assigned Readings. Online quizzes will enable you to test your understanding of the readings and lecture materials.

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

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to Subject</td>
</tr>
<tr>
<td>2-3</td>
<td>Basics and Bandwidth</td>
</tr>
<tr>
<td>4-5</td>
<td>Regulation</td>
</tr>
<tr>
<td>6-7</td>
<td>Switching and Networking</td>
</tr>
<tr>
<td>8-9</td>
<td>Telecommunications in Society</td>
</tr>
<tr>
<td>10-11</td>
<td>Wireless</td>
</tr>
<tr>
<td>12-13</td>
<td>Corporate Telecommunications</td>
</tr>
</tbody>
</table>

Subject Materials
The Assigned Readings can be purchased from the Unicentre Bookshop. Copies of the weekly readings are located in the library Closed Reserve.

There is no specific textbook for this subject. Students should find however, that the resources listed on UOW e-Learning space provide valuable insights into the technological and social aspects of telecommunications. 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>
</tr>
</thead>
<tbody>
<tr>
<td>Essay/Report</td>
<td>20%</td>
<td>Electronically to <a href="http://www.turnitin.com">www.turnitin.com</a> by 6:00p.m. Friday 12 October (Week 11). (Hard Copy during tutorial in Week 12)</td>
</tr>
<tr>
<td>Group Seminar Presentation</td>
<td>10%</td>
<td>During tutorial - Week TBA</td>
</tr>
<tr>
<td>Participation - Online Quizzes</td>
<td>10%</td>
<td>Six quizzes on UOW e-Learning space in Week 4, 6, 8, 10, 12 &amp; 13. Each quiz will go offline at 6:00p.m. Friday on the week listed.</td>
</tr>
<tr>
<td>Participation – Tutorial Exercises</td>
<td>10%</td>
<td>Hard copy in tutorial</td>
</tr>
<tr>
<td>Exam</td>
<td>50%</td>
<td>Examination Period</td>
</tr>
</tbody>
</table>
Notes on Assessment
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.

- You must pass the exam to pass the subject.
- The report/essay is to be submitted electronically to ‘Turn It In’ by 6:00 p.m. 12 October. The hard copy of the assignment with the Turn It In report are to be submitted during your tutorial in Week 12.
- All other assignments are to be submitted during your tutorial.
- Penalties may apply to all late work, except if special consideration is deemed necessary and the subject coordinator or tutor has granted an extension or exemption. The following penalties apply for late submission.

Report/Essay – 1 mark per day.

Seminar Presentation – zero marks awarded for no show. (As this is a group activity you must conduct the seminar at your allocated time even though one of your group is unable to participate. Please contact your tutor at the first opportunity should a problem occur).

Online Quizzes – zero marks awarded for each quiz missed. As online quizzes are a participation exercise designed to get you engaged with the course material at the appropriate time, online quizzes will not be re-opened.

Tutorial Exercises – zero marks for each seminar missed.
- Assignments will be returned to students in tutorials. From Week 13, assignments can be collected from Subject Coordinator;
- All assignments are to be completed independently. Plagiarism may result in a zero mark being recorded for that assignment.
- Assignments must be submitted with a School Assignment Cover Sheet.

1. Report/Essay:
   An individual 2500 word report/essay is due in Week 11. Students have the choice of doing a report or an essay. Correct academic style is expected. Plagiarism may result in a zero mark. An electronic version in MS Word, Text or pdf format of your report/essay needs to be submitted to the “Turnitin” text matching system available at www.turnitin.com by 6:00p.m. Friday 12 October 2007. The principle criteria used in assessing the quality of your assignment will be the presentation, structure, introduction, validity, the information imparted on that topic, conclusion and other formalities.
   Details of the question(s), marking criteria and further access information for “Turnitin” will be made available on UOW e-Learning space. This assignment is worth 20% of the final mark.

2. Group Seminar Presentation:
   Each tutorial class will divide into workgroups of up to four (4) students each. These groups will be allocated a seminar question and a date on which the seminar will occur. Each group will prepare and present a seminar to the class of 45-60 min duration in their allocated week. The seminar is to consist of a summary of the reading, further research on the topic, a learning exercise for the class and a summary paper (2 pages max.). The principle criteria used in assessing the seminar are your skills in oral and visual presentation as well as the information imparted on that topic. Other important factors used in judging the success of your seminar will include the learning value of the class activities that have been devised by you and the summary paper you provide the class at the beginning of your seminar. The class tutor and the members of your tutorial group will award the mark for the presentation. This assessment is worth 10% of your final mark.

3. Class Participation:
   Online Quizzes – There will be six (6) online quizzes on UOW e-Learning space. Quizzes will be based on lecture material AND on the allocated reading for each respective fortnight. The six quizzes are worth 10% of your final mark.
   - Quiz 1 – Week 4
   - Quiz 2 – Week 6
   - Quiz 3 – Week 8
   - Quiz 4 – Week 10
   - Quiz 5 – Week 12
   - Quiz 6 – Week 13
   Each quiz will go offline at 6:00pm Friday on the week listed.
   As online quizzes are a participation exercise designed to get you engaged with the course material at the appropriate time, online quizzes will not be re-opened.

   Tutorial Exercises – Students will gain marks by completing in-tutorial exercises. Two types of exercises will be completed during the session: seminar marking and feedback; and tutorial activities. The purpose of these exercises is to assist you to learn course material as well as develop skills in critical analysis. This task is worth 10% over the session. Written work will be returned during tutorials.
Students will gain marks by filling out a “tick-a-box” style of assessment sheet. These assessment sheets will also have space for comments – higher marks will be allocated to those providing considered and critical written comments. Credit will also be given to those who contribute by way of verbal comments.

The marking scheme that will apply for seminar marking is as follows:

<table>
<thead>
<tr>
<th>Maximum number of tutorial presentations = N</th>
<th>Actual number of presentations assessed by you. = Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly score = (W₁, W₂, .., Wₙ)</td>
<td>Boxes ticked with no comments will be given a score of Wₙ=1</td>
</tr>
<tr>
<td>Boxes ticked with basic comment will be given a score of Wₙ=2.</td>
<td>Boxes ticked with good comment will be given a score of Wₙ = 3</td>
</tr>
<tr>
<td>Boxes ticked with excellent comment will be given a score of Wₙ = 4.</td>
<td>If a notable comment made during class activity add 1 mark to Wₙ</td>
</tr>
</tbody>
</table>

Students will gain marks by reading material in-class and completing a questionnaire. Students will receive a score of Wₙ as a mark out of five based on the percentage of available questions answered correctly.

The final mark for tutorial exercises will be based on formula \((W₁+W₂+...+Wₙ)/N\).

**Special Consideration Policy**

The School recognises that it has a responsibility to ensure equity and consistency across its subjects for all students. 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 may 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:

- if \(E \geq 40\%\) of the maximum exam mark: then student final mark is \(E + A\);
- if \(35\% \leq E < 40\%\) of the maximum exam mark: then student final mark is \(\min\{E+A, 47\}\);
- if \(E < 35\%\) of the maximum exam mark: then student: final mark is \(\min\{E+A, 42\}\);

**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/studacgrievpol.html

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

<table>
<thead>
<tr>
<th>Code of Practice - Teaching and Assessment</th>
<th>Code of Practice - Students</th>
<th>Acknowledgement Practice Plagiarism will not be tolerated</th>
<th>Key Dates</th>
<th>Information Literacies Introduction Program</th>
<th>Student Support Services: Informatics Faculty SEDLO (Student Equity and Diversity Liaison Officers) Virginie Schmelitschek, phone 4221 3833, <a href="mailto:virginie@uow.edu.au">virginie@uow.edu.au</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Code of Practice-Honours</td>
<td>Non-Discriminatory Language Practice and Presentation</td>
<td></td>
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<td></td>
<td>Informatics Faculty Librarian, Ms Annette Meldrum, phone: 4221 4637, <a href="mailto:ameldrum@uow.edu.au">ameldrum@uow.edu.au</a></td>
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</tbody>
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