GENERAL INFORMATION

Subject Coordinator: Dr Ping Yu
Telephone Number: 4221 5412
Email: ping@uow.edu.au
Location: 39.111

Dr Yu’s consultation times during session:
Day: Time
Monday: 9:30 AM – 12:30 PM
Wednesday: 9:30 AM – 12:30 PM

Subject Organisation
Session: Spring Session, Wollongong Campus
Credit Points: 6 credit points
Contact hours per week: 1 hour lecture + 1 hour tutorial + 1 hour lab
Lecture Times & Location: Tuesday, 11.30 AM – 12.30 PM & 19.1004
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 examines the essential concepts of health computing, limitations of technology, issues of privacy and security, economics of healthcare computing, managing healthcare computing projects, evaluation methods in medical informatics, risk assessment in health informatics and the important issues involved in computer applications in healthcare.

Objectives
On successful completion of this subject, students will be able to: 1. Describe contemporary health computing issues 2. Discover the issues of privacy and confidentiality in healthcare 3. Recognise issues in managing healthcare computing projects.

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. Students MUST attend their allocated tutorial unless they have the written permission of the subject coordinator.
Method of Presentation
There will be a one hour lecture on Tuesday morning for each week of the semester. The lecture notes can be found on the subject website. In order to view them you will need a PDF reader, which can be obtained from the ITS website. Each lecture will examine a topic as specified by the course schedule. Tutorial and Laboratory session will commence at week 2. Weekly tutorials will consist of small group exercises, readings and discussions.

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

<table>
<thead>
<tr>
<th>WEEK</th>
<th>TOPICS</th>
<th>COMMENTS</th>
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</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Introduction to the Subject</td>
<td>No tutorial on week 1</td>
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<tr>
<td>Week 2</td>
<td>The system development lifecycle during multidisciplinary health information system implementation</td>
<td>Tutorial starts</td>
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<tr>
<td>Week 3</td>
<td>Social technical issues for the successful introduction of ICT solutions into healthcare</td>
<td></td>
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<tr>
<td>Week 4</td>
<td>Organisational and end user readiness for the introduction of health ICT solutions</td>
<td></td>
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<tr>
<td>Week 5</td>
<td>Quality of health ICT solutions</td>
<td></td>
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<tr>
<td>Week 6</td>
<td>Quality of information</td>
<td>Group interim report (1)</td>
</tr>
<tr>
<td>Week 7</td>
<td>Quality of health ICT services</td>
<td>Group interim report (2)</td>
</tr>
<tr>
<td>Week 8</td>
<td>Challenges for end user training and support</td>
<td></td>
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<tr>
<td>Week 9</td>
<td>Measuring user satisfaction with the introduced system</td>
<td>Individual report presentation Assignment 1 due at tutorial</td>
</tr>
<tr>
<td>Week 10</td>
<td>Measuring usage of the system</td>
<td>Individual report presentation</td>
</tr>
<tr>
<td>Week 11</td>
<td>Measuring the impact of ICT solutions on healthcare service delivery (I)</td>
<td>Group final report presentation</td>
</tr>
<tr>
<td>Week 12</td>
<td>Measuring the impact of ICT solutions on healthcare service delivery (II)</td>
<td>Group final report presentation</td>
</tr>
<tr>
<td>Week 13</td>
<td>Revision</td>
<td>Final report due</td>
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Subject Materials
Textbooks:
There are no prescribed textbooks for this subject. There will be a recommended reading list for each lecture and tutorial. In addition to this some materials will be placed on the UOW e-learning space and/or the closed reserve within the library.

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>Oral presentation (interim report on group project)</td>
<td>3</td>
<td>Week 6 - 7 tutorials</td>
</tr>
<tr>
<td>Oral presentation of the individual report</td>
<td>5</td>
<td>Week 9 – 10 tutorials</td>
</tr>
<tr>
<td>Individual report (2500 words)</td>
<td>15</td>
<td>Week 9 tutorial, both hard and soft copies</td>
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<tr>
<td>Tutorial discussions</td>
<td>10</td>
<td>On going</td>
</tr>
<tr>
<td>Oral presentation of final report</td>
<td>7</td>
<td>Week 11 – 12</td>
</tr>
<tr>
<td>Group report (4500 words)</td>
<td>30</td>
<td>Week 13</td>
</tr>
<tr>
<td>Exam</td>
<td>30</td>
<td>Examination Period</td>
</tr>
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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.

- Students must make a serious attempt and perform satisfactorily on all phases of the subject to pass. In particular, all components of the subject must be seriously attempted and students must achieve at least 40 per cent on the final examination to complete the subject; that is, to obtain an overall mark of 45 or higher.
- Papers are to be submitted during your tutorial. Penalties may apply to all late work, except in the case of protracted (and certified) illness. One mark will be deducted for work for each day that is overdue.
- Normally assignments will be returned to students in tutorials.
- Assignments must be submitted with School Assignment Cover Sheet.

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:

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

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/course rules/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:

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