GENERAL INFORMATION

Subject Coordinator: Dr Markus Hagenbuchner
Telephone Number: 4221 4779
Email: markus@uow.edu.au
Location: 3.220

Dr. Markus Hagenbuchner’s consultation times during session:
Day       Time
Wednesday 15:30 – 17:30
Friday    11:30 – 13:30

Subject Organisation
Session: Spring session, Wollongong
Credit Points: 12
Contact hours per week: Subject to arrangement between supervisor and student
Lecture Times & Location: N/A
Tutorial Day, Time and Location can be found at: http://www.uow.edu.au/student/timetables/index.html
Students are to arrange regular meetings with the project supervisor. It is strongly recommended that the student has face to face meetings with the supervisor(s) on a weekly basis. 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 involves undertaking a research project. Where possible the projects are related to the research interests of the School and/or staff and are chosen to develop the student's research skills.

**Objectives**
On successful completion of this subject, students will be able to:
1. Demonstrate skills necessary to undertake scholarly research
2. Demonstrate written communication skill through the production of a research report
3. Demonstrate problem solving skills for solving theoretical and practical aspects of the research area.
4. Demonstrate proficiency in the domain area of chosen project
5. Develop ability to conduct independent research as part of a team.

**Attendance Requirements:**
It is the responsibility of students to meet with their supervisor at least once a week or as agreed between supervisor and student. Students are advised to keep a log book and record the summary of all meetings and work performed. The student is to attend SCSI postgraduate seminars as advertised by Email (the seminars are normally held every second Thursday).

**Method of Presentation:**
In order to maximize learning outcomes, it is strongly recommended that students give at least one seminar per annum. The subject coordinator will schedule the seminar on a suitable date and time. Seminars are typically given towards the end of the project, and are held in building 3 on Thursdays between 11:30 and 12:30.

**Lecture Schedule:**
There are no lectures to attend for this subject. However, a successful conclusion of CSCI940 is a mandatory requirement.

**Subject Materials:**
Students are encouraged to use the library catalogue and databases to locate relevant readings for their subject.

**Textbook(s):**
Supervisors will advice of suitable reading material.

**Other Resources:**
To be advised by project supervisor.

**Assessment:**
This subject has the following assessment components.

<table>
<thead>
<tr>
<th>ASSESSMENT ITEMS &amp; FORMAT</th>
<th>% OF FINAL MARK</th>
<th>GROUP/INDIVIDUAL</th>
<th>DUE DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final thesis</td>
<td>90</td>
<td>Individual</td>
<td></td>
</tr>
<tr>
<td>Presentation</td>
<td>10</td>
<td>Individual</td>
<td></td>
</tr>
</tbody>
</table>

The general guideline of the marking scheme for the assignment is attached below.
Notes on Assessment:
All the work submitted for assessment is expected to be completed independently. Plagiarism may result in a FAIL grade being recorded for that assessment task.
A successful conclusion of CSCI940 is a mandatory requirement. CSCI991 students who do not meet this requirement will attract a TF (Technical Fail) grade on their academic transcript for CSCI991.

Other Procedures for the submission of assessment items:
Thesis must be submitted as a provisionally bound hard copy on or before due date. To be eligible for a Pass in this subject a student must achieve a mark of at least 50% for the final marks. The final mark is computed as the sum of 0.9*thesis and 0.1*presentation. Students who fail to achieve this minimum mark will be given a F (Fail) grade for this subject.

Procedures for the return of assessment items:
Examiners are allowed to retain their copies of the thesis. Under special circumstances, the student may request the thesis to be returned.

Student Academic 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 student academic consideration in order to complete all assessable work.

The University applies strict criteria to the granting of academic consideration. Before applying for student academic consideration, students should carefully read the University’s policy which can be found at: http://www.uow.edu.au/handbook/courserules/specialconsideration.html

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.

Plagiarism

When you submit the thesis, you are declaring the following

1. It is your own work and you did not 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.

Students must remember that:

- Plagiarism will not be tolerated.

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 University Handbook under University Policy Directory 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. 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 judgment of the lecturer and can only review the grievance to ensure proper procedure has been followed.

Relevant University Policies, procedures and students services:
For more information students must refer to the Faculty handbook, online references or consult the UOW policy in full at http://www.uow.edu.au/handbook/courserules/studacgrievpol.html which contains a range of policies on educational issues and student matters.

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

| Code of Practice - Teaching and Assessment | Code of Practice - Students |
| Code of Practice-Honours | Acknowledgement Practice Plagiarism will not be tolerated: |

| Key Dates |

| Course Progress Policy: |

| Academic Grievance Policy (Coursework and honours students) |

| Occupational Health and Safety |

| Human Research Ethics: |

| Information Literacies Introduction Program |

| Student Support Services: |
| http://www.uow.edu.au/student/services/ |

| SCSSE SISAT Subject Outlines |
| SCSSE SISAT Computer Usage Rules |

Informatics Faculty SEDLO (Student Equity and Diversity Liaison Officers) Virginie Schmelitschek, phone 4221 3833, virginie@uow.edu.au


SCSSE SISAT Subject Outlines

Informatics Faculty Librarian, Ms Annette Meldrum, phone: 4221 4637, email: anmeldrum@uow.edu.au

Information Literacies Introduction Program http://www.uow.edu.au/student/attributes/ilip/

This outline should be read in conjunction with the following documents:
School of Computer Science and Software Engineering

CSCI991 Project Thesis Marking Schedule and Guidelines

The description below gives the basis for marking the report of the CSCI991 project component of the Master of Computer Science (Coursework) degree that will be used by the staff of the School of Computer Science and Software Engineering. The project is a 12 credit-point subject and this should set the expectation. The work done is not expected to be at the level of Research Master or 18 credit point Honours thesis. The marks are allocated according to various categories. The categories, the percentage of marks allocated to them, and the basis for the judgment, are described below for both the Supervisor's and Examiner's marking schedule.

1. **Literature Review and Theoretical Backing**  15%
   In this category, students must show that they have read and understood the relevant references for the project; have used citations appropriately; have listed their references correctly and completely; have read around the subject; and have presented a summary of the techniques that they are using, in a manner that proves their understanding of the techniques. The review of literature should be critical and must highlight the gaps in current literature.

2. **Logical and Convincing Presentation/Layout Diagrams and Photographs**  15%
   This is judged according to the level of communication of the document. It includes use of English; structure of the presentation, including separation of text into main body and appendices; clarity of ideas; lack of repetition; good overview; choice of detail; documentation of software; documentation of hardware; quality of project plan and specification; quality of supplemental material; level of detail; presentation of results, etc. This includes the neatness and clarity of the diagrams, the manner in which the thesis report is presented (e.g., has effective use been made of subheadings, etc.).

3. **Technical Merit**  20%
   In this category, students must show that they have understood the technical or theoretical aspects of their project. The methods used need to be critically analysed and justified. The results that are obtained should be analysed with respect to these criteria. The level of understanding is judged so students must demonstrate that they have a firm understanding of the topic area. Conclusion of recommendations made should be justified and well explained.

4. **Practical Work/Confirmation and Development of the Theory**  25%
   In this section, evidence that students have applied the relevant practical or theoretical techniques competently must be presented. This is a judgment on the final result of the work that they have produced (e.g., is it a credible algorithm or not?), as well as whether satisfactory progress (or expected level of attainment) has been achieved during the course of the project. You will also be judged on your time management, level of commitment and justification of the chosen methodologies.
5. Problem Solving Ability / Ideas and Originality  

Students will be judged on their competence in applying the research tools at their disposal. Are the techniques learnt during the course of the degree being applied to a particular well defined problem? Are the standard problems able to be analysed and solved using standard techniques? Evidence of initiative will score marks in this section. Use of novel techniques or solutions proposed which have not been suggested by an academic, show that students have some degree of mastery of the topic area. An ability to critically analyse your own work is expected and judged.

NOTE: When marking the CSCI991 project report, staff must use the categories as indicated above but also follow the guidelines presented below, which detail the attributes implied by aggregate marks for thesis reports:

High Distinction 85 -100
- Sustained levels of initiative and creativity
- Outstanding level of presentation
- Exceptional rate of progress
- Would indicate possible acceptance to a Master by research program
- A mark of 90 or above would usually indicate a thesis with results worthy of publication in a top rate conference.

Distinction 75 - 84
- Clear demonstration of creativity and initiative
- Very good level of presentation
- High rate of progress

Credit 65 - 74
- Above average rate of progress
- Above average level of computer science competence
- Above average presentation

Pass 50 - 64
- Above average level of computer science competence
- Adequate rate of progress
- Able to carry out basic computer science analytical tasks
- A comprehensible report

Note: for High Distinction and Distinction, all of the above listed attributes must be clearly demonstrated.

Fail-
- Inability to perform the basic research project tasks required of a graduate
- Inadequate rate of progress
- Failure to attend scheduled meetings
- Insufficient time devoted to project
- Inadequate report

1. Reference Reading and Theoretical Backing  

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2. Logical and Convincing Presentation/Layout Diagrams and Photographs  15%

3. Technical Merit  20%

4. Practical Work/Confirmation and Development of the Theory  25%

5. Problem Solving Ability / Ideas and Originality  25%