

COMP 7950 Research Methods in Computer Science – Spring 2010
Dr. King-Ip Lin

Contact Information:

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Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
5:00 – 6:00pm			2:30 – 3:30pm	
<i>Also by Appointment</i>				

Course Description:

COMP 7950 Research methods in Computer Science. (3). Overview of research methods in computer science; how to read and write research papers in computer science; presentation skills for technical presentations; software tools for research in computer science.

Why this course?

This course introduces students to various aspect of research methods in computer science. At the end of the semesters, student should have gain knowledge and practical skills in:

- How to conduct research in computer science
- Presentation skills for research
- Reading and writing technical data
- Statistical skills in research
- Learning software that is applicable in the research environment.

Evaluation:

Evaluation is based on the following 3 components, details to be provided:

	Weight	Date
Presentation Mini-Test	20%	3/4 During class
Short Paper/Statistics	40%	Due 4/22, 12:00 noon
Final Presentation	40%	4/8, 4/15, 4/22

+/- grades will be used.

Course Policies:

Attendance: Students are expected to attend every class.

Testing Policy: No early or late exams are allowed unless under extreme situations. For students who wish to travel back home during Christmas, do not expect exam to be taken earlier than Dec 12th (Mon).

Plagiarism/Cheating Policy:

Plagiarism or cheating behavior in any form is unethical and detrimental to proper education and **will not be tolerated**. All work submitted by a student (projects, programming assignments, lab assignments, quizzes, tests, etc.) is expected to be a student's own work. The plagiarism is incurred when any part of anybody else's work is passed as your own (no proper credit is listed to the sources in your own work) so the reader is led to believe it is therefore your own effort. Students are allowed and encouraged to discuss with each other and look up resources in the literature (including the internet) on their assignments, but **appropriate references must be included for the materials consulted**, and appropriate citations made when the material is taken verbatim.

If plagiarism or cheating occurs, the student will receive a failing grade on the assignment and (at the instructor's discretion) a failing grade in the course. The course instructor may also decide to forward the incident to the University Judicial Affairs Office for further disciplinary action. For further information on U of M code of student conduct and academic discipline procedures, please refer to:

<http://www.people.memphis.edu/~jaffairs/>

Course Syllabus

Lecture	Date	Lecture Topics
1	1/14	Introduction
2	1/21	Overview of Research Methods (1)
3	1/28	Overview of Research Methods (2)
4	2/4	Presentation skills (1)
5	2/11	Presentation skills (2)
6	2/18	Reading and Writing papers (1)
7	2/25	Reading and Writing papers (2)
8	3/4	Presentation mini-test
	3/11	<i>Spring Break – no class</i>
9	3/18	Statistics (1)
10	3/25	Statistics (2)
11	4/1	Scripting Languages
12	4/8	Final Presentation (1)
13	4/15	Final Presentation (2)
14	4/22	Final Presentation (3)