

**Title (Units):** **COMP7730 MSc Project (3,\*,\*)**

**Course Aims:** Students will develop: (i) mastery of integrating concepts with practice in IT Management, (ii) creative and systematic problem solving skills for designing, analyzing, managing or developing IT systems, (iii) self-learning capability for sustainable self-development in the rapidly changing IT field, and (iv) report writing and presentation skills for effective communication in IT enterprises.

**Prerequisite:** COMP7950 IT Project Skills

**Course Intended Learning Outcomes (CILOs):**

Upon successful completion of this course, students should be able to:

No.	Course Intended Learning Outcomes (CILOs)
	<b>Knowledge</b>
1	Explain the key concepts in the selected topic of the project
	<b>Professional Skill</b>
2	Apply knowledge acquired to conduct investigation and evaluation in the IT context
	<b>Transferable Skill</b>
3	Develop mastery of integrating concepts with practice in IT management
4	Solve problems creatively and systematically and develop self-learning capability
5	Apply organizational and time-management skills in IT project development
6	Write technical reports and make effective presentations

**Calendar Description:** Students work on the projects proposed by themselves. Each project is supervised by an academic staff, and it may be co-supervised by practicing professionals. After completing the projects, students will submit written reports and present their results (e.g., new methodologies, IT systems, or critical surveys). Each project will be assessed by the supervisor(s) and one additional academic staff on four aspects: (i) project management and progress, (ii) methodologies and results, (iii) report writing, and (iv) oral presentation. Through these projects, students will develop: (i) mastery of integrating concepts with practice in IT Management, (ii) creative and systematic problem solving skills for designing, analyzing, managing or developing IT systems, (iii) self-learning capability for sustainable self-development in the rapidly changing IT field, and (iv) report writing and presentation skills for effective communication in IT enterprises.

**Teaching and Learning Activities (TLAs):**

CILOs	Type of TLA
1-4	Students will work on their projects independently under the supervision of our faculty members.
1,5,6	Students are required to write progress reports and conduct meetings with their supervisors regularly.
1,6	Students will submit a final report and give an oral presentation upon completion of the project.

**Assessment:**

No.	Assessment Methods	Weighting	CILOs to be addressed	Description of Assessment Tasks
1	Assessment for project management and progress	10%	5	Each student will be assessed by his/her supervisor on project management and progress.
2	Assessment for the adopted methodologies	30%	1-4	Each student will be assessed by his/her supervisor as well as an observer on the adopted methodologies.

3	Assessment for the expected results	30%	1-4	Each student will be assessed by his/her supervisor as well as an observer on the expected results.
4	Assessment for report writing	20%	6	Each student will be assessed by his/her supervisor as well as an observer on report writing.
5	Assessment for presentation	10%	6	Each student will be assessed by his/her supervisor as well as an observer on oral presentation.

#### Assessment Rubrics:

	Excellent (A)	Good (B)	Satisfactory (C)	Fail (F)
Project management and progress	<ul style="list-style-type: none"> <li>Has a high degree of effectiveness in project management</li> <li>Always follows the schedule, and makes good progress in all phases</li> </ul>	<ul style="list-style-type: none"> <li>Has a considerable degree of effectiveness in project management</li> <li>Always follows the schedule, and makes good progress in most phases</li> </ul>	<ul style="list-style-type: none"> <li>Has some degree of effectiveness in project management</li> <li>Cannot follow the schedule most of the time, but be able to make some progress</li> </ul>	<ul style="list-style-type: none"> <li>Very poor in project management</li> <li>Cannot follow the schedule</li> <li>Cannot make reasonable progress in most phases</li> </ul>
Methodologies and results	<ul style="list-style-type: none"> <li>Has a thorough understanding of the problem, and conducts a comprehensive literature review</li> <li>Uses appropriate methodology with a high degree of effectiveness</li> <li>Achieves original and significant results</li> </ul>	<ul style="list-style-type: none"> <li>Has a good understanding of the problem, and conducts a good literature review</li> <li>Uses appropriate methodology with a considerable degree of effectiveness</li> <li>Achieves original and important results</li> </ul>	<ul style="list-style-type: none"> <li>Can understand part of the problem, and conduct a little literature review</li> <li>Uses appropriate methodology with some degree of effectiveness</li> <li>Achieves some results</li> </ul>	<ul style="list-style-type: none"> <li>Has difficulties in understanding the problem, and unable to conduct literature review</li> <li>Cannot use an appropriate methodology</li> <li>Achieves few results</li> </ul>
Report writing	<ul style="list-style-type: none"> <li>Demonstrates excellent organization, clarify, English grammar, spelling, format, and references</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates good organization, clarify, English grammar, spelling, format, and references</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates acceptable organization, clarify, English grammar, spelling, format, and references</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates poor organization, clarify, English grammar, spelling, format, and references</li> </ul>

Oral presentation	<ul style="list-style-type: none"> <li>• The whole presentation is very well organized</li> <li>• All information is presented very clearly and fluently</li> <li>• All questions are appropriately answered</li> <li>• Visual aids are carefully prepared and can support the presentation effectively</li> </ul>	<ul style="list-style-type: none"> <li>• Most parts of the presentation are well organized</li> <li>• Most information is presented clearly and fluently</li> <li>• Most of the questions are appropriately answered</li> <li>• Visual aids are carefully prepared and can support the presentation</li> </ul>	<ul style="list-style-type: none"> <li>• Some parts of the presentation are not well organized</li> <li>• Most information is understandable</li> <li>• Some of the questions are appropriately answered</li> </ul>	<ul style="list-style-type: none"> <li>• The whole presentation is poorly organized</li> <li>• Most information is difficult to understand</li> <li>• No questions are appropriately answered</li> <li>• Little knowledge of the topic is demonstrated</li> </ul>
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#### Course Content and CILOs Mapping:

Content		CILO No.
I	Project	1-6

#### References:

- Literature research appropriate to the topics under study
- C. Lipson, Doing Honest Work in College, Third Edition: How to Prepare Citations, Avoid Plagiarism, and Achieve Real Academic Success, third edition, Chicago Guides to Academic Life, 2019

#### Course Content:

##### Topic

- I. Project  
The topics are related to IT Management. Students can select specific topics in consultation with their project supervisors.