

Title (Units): **COMP7770 Special Topics in IT Management (3,3,0)**

Course Aims: To learn state-of-the-art topics in IT management.

Prerequisite: The prerequisite depends on the specific topics covered. The prerequisite and the chosen topics will be announced before the semester starts.

Course Intended Learning Outcomes (CILOs):

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

No.	Course Intended Learning Outcomes (CILOs)
	Knowledge
1	Describe the importance of the selected topics in IT management.
2	Describe the problems involved in the selected topics and explain the solutions to these problems.
	Professional Skill
3	Master problem solving and/or practical skills relevant to the selected topics.

Calendar Description: Students will learn state-of-the-art topics in IT management. Emphasis will be placed on the current issues, methodologies and/or practice. After completing this course, students will understand some current topics in and methodologies of IT management

Teaching and Learning Activities (TLAs):

CILOs	Type of TLA
1, 2, 3	The specific teaching and learning activities depend on the topics covered. These activities may include some of the following: i) students will attend lectures to learn the principles of the topics covered, ii) they will be given open-ended tutorial questions for class discussion and in-depth learning, iii) they will attend laboratory sessions to learn the practical aspects of the topics covered, iv) they will study some real-world cases which illustrate the topics covered, v) they will work on written assignments to consolidate and apply what they have learnt, vi) they will work on a term paper and/or a project which involve information gathering, self-reading, critical thinking and creativity.

Assessment:

No.	Assessment Methods	Weighting	CILOs to be addressed	Description of Assessment Tasks
1	Continuous Assessment	40%	1, 2, 3	Continuous assessments are designed such that students apply what they have learned to solve the problems involved in the selected topics in IT management.
2	Examination	60%	1, 2, 3	Final examination questions are designed to assess students' understanding in the concepts and their ability in applying these concepts to solve problems.

Assessment Rubrics:

Level of Achievement	General Presentation	Reasoning, Argumentation
Excellent (A)	<ul style="list-style-type: none">Addresses questions explicitlyPresents answers clearly and logically	<ul style="list-style-type: none">Demonstrates accurate and complete understanding of the concepts involvedProvides arguments in consistent and thorough mannerCapable of addressing in-depth and tricky issues

Good (B)	<ul style="list-style-type: none"> Addresses most questions explicitly but a few questions tangentially Presents most answers clearly and logically 	<ul style="list-style-type: none"> Demonstrates good understanding of most of the concepts involved Provides most arguments in consistent and thorough manner
Satisfactory (C)	<ul style="list-style-type: none"> Addresses some questions explicitly but other questions tangentially Presents some answers clearly 	<ul style="list-style-type: none"> Demonstrates basic understanding of some of the concepts involved
Fail (F)	<ul style="list-style-type: none"> Does not address most questions explicitly Does not present most answers clearly 	<ul style="list-style-type: none"> Does not demonstrate basic understanding of the concepts involved
No Answer (F)	NA	NA

Course Content and CILOs Mapping:

Content	CILO No.
I One or more state-of-the-art topics in IT management	1, 2, 3

References:

- A. M. Langer, and L. Yorks, Strategic Information Technology: Best Practices to Drive Digital Transformation, John Wiley & Sons, 2018.
 - R. Lichty, and M. W. Mantle, Managing the Unmanageable: Rules, Tools, and Insights for Managing Software People and Teams, Addison-Wesley Professional, 2019.
 - R. Magoulas, and S. Swoyer, 5 Key Areas for Tech Leaders to Watch in 2020, O'Reilly Media, Inc., 2020.
- Selected articles from journals, magazines, conference proceedings, research monographs, etc.

Course Content:

Topic

- I. One or more state-of-the-art topics in IT management
- IT Management
 - IT Project Management
 - IT Outsourcing
 - IT Laws and Intellectual Property
 - IT Auditing and Security
 - Electronic Transformation
 - Electronic Business and Enterprise
 - Other contemporary topics in IT management
 - Case studies