

**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)
	<b>Knowledge</b>
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.
	<b>Professional Skill</b>
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 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
<b>Excellent (A)</b>	<ul style="list-style-type: none"> <li>Addresses questions explicitly</li> <li>Presents answers clearly and logically</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates accurate and complete understanding of the concepts involved</li> <li>Provides arguments in consistent and thorough manner</li> <li>Capable of addressing in-depth and tricky issues</li> </ul>

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

**Course Content and CILOs Mapping:**

<b>Content</b>	<b>CILO No.</b>
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. Anbanandam, and S. Rangnekar, Flexibility, Innovation, and Sustainable Business, Springer, 2022.
- 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.
- V. Morabito, Digital Entrepreneurship: Management, Systems and Practice, Cambridge University Press, 2022
- W. Currie, and B. Galliers, Rethinking Management Information Systems: An Interdisciplinary Perspective, Oxford University Press, 2023.

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