

Course Title: **IT Project Management**

Course Code: **COMP507**

Descriptor Start Date: **01/01/2026**

POINTS: **15.00**

LEVEL: **5**

PREREQUISITE/S: **None**

COREQUISITE/S: **None**

RESTRICTION/S: **None**

LEARNING HOURS

Hours may include lectures, tutorials, online forums, laboratories. Refer to your timetable and course information in Canvas for detailed information.

Total learning hours: 150

PRESCRIPTOR

Provides students with the principles of project management in an information technology context. IT project management methodologies and approaches are compared. Practices and supporting tools and techniques are further investigated, particularly with regard to conception and initiation, planning, execution, monitoring, and project closure. Expected standards of professionalism and ethics will be highlighted.

LEARNING OUTCOMES

1. Discuss project management concepts, knowledge areas, and five process groups, including developing a business case for undertaking IT projects.
2. Develop project management plans and documents related to integration, stakeholder, scope, schedule, communication, risk, issue, and quality management knowledge areas that can be executed, monitored, and controlled.
3. Produce project budget and apply appropriate project management concepts, such as earned value management (EVM), to monitor and control it based on the cost management knowledge area.
4. Develop network diagrams and use project management software (PMS) to schedule based on project management concepts and schedule management knowledge area.
5. Discuss roles and competencies required for project management
6. Create a team contract by applying the Project Management Code of Ethics, such as that from the Project Management Institute (PMI).

Disclaimer: Course descriptors may be amended between teaching periods/semesters

CONTENT

- Project Management (PM) in the IT Context, Portfolio, Program and Project Management
- PM Concepts, PM Methodologies, Project Phases
- PM Roles, Tasks, Responsibilities and Required Attributes
- PM Knowledge Areas (PM Body of Knowledge)
- PM Process Groups (Initiating, Planning, Executing, Monitoring & Controlling and Closing Projects)

- Project Business Case
- Project Integration Management
- Stakeholder Management
- Scheduling Management
- Cost Management
- Quality Assurance Management
- Communications Management
- Change Management
- Risk Management
- Human Resource Management
- Procurement Management
- PM Software (MS Project)
- PMI Code of Ethics

LEARNING & TEACHING STRATEGIES

Participatory teaching methods will be emphasized. Concepts will be developed through problem-based learning, discussion, and analysis. Both lectures and laboratories will be used.

ASSESSMENT PLAN

Assessment Event	Weighting %	Learning Outcomes
Assignment 1: Develop Project Proposal Plans	50.00	1,2,5,6
Assignment 2: Project Performance Management	50.00	3,4

Grade Map	MAP1
	A+ A A- Pass with Distinction
	B+ B B- Pass with Merit
	C+ C C- Pass
	D Fail

Overall requirement/s to pass the course:

To pass this course, students must achieve a minimum overall grade of C-.

LEARNING RESOURCES

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For further information, contact: Te Ara Auaha - Faculty of Design & Creative Technologies

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Principal Programme: AK3697, Bachelor of Computer and Information Sciences

Related Programme/s: AK2006
AK3003
AK3698
AK3756
ICE1
INEXCH1
SABRD1

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