Module: Innovation and Leadership 102

Module name:	Innovation and Leadership 102
Code:	INL102
NQF level:	5
Type:	Core – Bachelor of Computing (all streams)
	Core – Bachelor of Computing (all streams)
	Core – Diploma in Information Technology (all streams)
Contact time:	16
Structured time:	20
Self-directed time:	14
Notional hours:	50
Credits:	5
Prerequisites:	Innovation and Leadership 101

Purpose

This module prepares the student to function effectively as a member of a team, i.e. an individual who executes their responsibilities with due diligence and cognisance of the activities and objectives of other members to pursue the success of the joint effort. Team members must value the diversity of each member to collaborate as a unit and optimise the achievement of each member to ensure the success of the team.

Outcomes

Upon successful completion this module, the student will be able to demonstrate:

- The ability to apply standard methods and techniques to plan and create a proof of concept for an innovative solution within a well-defined, familiar and supported environment.
- The ability to take account of, and act in accordance with, prescribed organisational ethical codes of conduct, values and practices within a team context and so seek guidance on ethical and professional issues where necessary.
- The ability to gather information from a range of sources, to select information appropriate to the task, and to apply the basic processes of analysis, synthesis and evaluation on that information.
- The ability to communicate information reliably, accurately and coherently, in written form as project reports.
- The ability to operate in a team context as a human system, demonstrating an understanding of different kinds of teams, their constituent members and roles, and the relationships between these members, and to understand how actions in one area impact on other areas within the same team.
- The ability to account for their actions and to work effectively with and respect others, and to take supervisory responsibility for the responsible use of resources, where appropriate.

Assessment

Assessment is performed using a variety of instruments:
- Attendance of formal instruction sessions;

- Participation in moderated and unmoderated discussions and work sessions, evaluated by moderators, team leaders and/or peer reviews; and
- Production of project artefacts, such as plans and reports; and
- Synthesis or project products, such as proofs of concepts, and milestone outputs.

Teaching and Learning

Learning materials

Presentation notes and hand-outs from direct instruction and feedback sessions

Learning activities

This module is completed over the course of one semester. Four iterations of the following learning activities will occur during this time:

Week 1: Direct instruction.
Week 2: On-campus work and peer interaction.
Week 3: Feedback and guidance.
Week 4: On-campus work and peer interaction.

During direct instruction students attend lectures on topics appropriate to this module, including:
- Effective teamwork,
- Valuing diversity,
- Understanding and respecting cultural differences,
- Understanding own personality type and interacting with other types.

On-campus work and peer interaction requires students to meet in a structured environment to conduct their learning experiences with regard to solution ideation and proposal creation. This includes activities such as:
- Research activities,
- Consultation with students in the role of consultants for different areas in which the student desires to solicit input or advice,
- Report to student in the role of team leader,
- Peer discussions, peer demonstrations, and peer reviews,
- Creation of proof of concept in collaboration with the members of a team.

Feedback and guidance is provided during contact sessions with academic staff. These sessions may include moderated discussions and formal presentations as dictated by the needs identified during formative assessment.

Notional learning hours

Activity	Units	Contact Time	Structured Time	Self-Directed Time
Lecture		8.0		
Formative feedback	4	8.0		
Project & peer interaction	1		16.0	
Solution ideation	1			5.0
Proposal presentation	1		4.0	9.0
Exam				

16.0	20.0	14.0