CO1106 Requirements Engineering and Professional Practice

Credits: *15*   **Convenor:** *Dr. N. Verdezoto*   **Semester:** *1ˢᵗ*

Prerequisites:	*Essential: -*
	Desirable: -

Lectures:	*22*	*hours*	**Independent Study:** *84* *hours*	
Tutorials:	*22*	*hours*		

Assessment: *Coursework: 100% + Exam: 0%*

Formative Coursework	*Summative Coursework*	
None	**Class Tests:**	- *in total*
	Assignments:	- *in total*

Learning Outcomes   Students should be able to:

- Motivate the need of requirements engineering for successful software projects, describe the problems when requirements are omitted, and explain requirements change management process. Differentiate between different types of requirements.

- Demonstrate a knowledge of security and data protection issues in storage and usage of data.

- Critique the value of a number of requirements engineering techniques, such as stakeholder analysis, use cases, interviews, prototyping, etc.

- Distinguish and choose between various modelling techniques for requirements documentation (such as conceptual and behavioural models).

- Describe the role of professional bodies in the IT industry; appraise the value of membership of professional bodies both in terms of benefit for ones career and the responsibility for professional conduct in accordance with the code of such bodies.

Explanation of Prerequisites

Module Description

Syllabus

Convenor's Notes