

ICT317e IT Project Management

Level: 3

Credit Units: 10 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY SEMESTER

E-Learning: BLENDED - Learning is done MAINLY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. This is supplemented with SOME face-to-face sessions. If the course has an exam component, this will be administered on-campus.

Synopsis:

The course consists of two modules. Project Management Fundamentals for IT Professionals will enable participants to minimise the problems inherent in managing a systems development project. Managing Multiple IT Projects relates to project managers' work in balancing projects in process while handling requests for new work, juggling priorities etc.

Topics:

- Project Management Basics
- Project Management Fundamentals for IT Professionals
- Managing Multiple Projects for IT Professionals

Learning Outcome:

- Describe and discuss the project management as a process within the context of an enterprise
- Take a disciplined, yet flexible approach to managing different types of IT projects
- Identify and describe the critical roles and responsibilities of stakeholders
- Initiate and plan an IT project using objective setting, risk management and scheduling techniques
- Recognize the advantages and disadvantages among the range of software development life cycle mode used on IT projects
- Understand the role of vendors and integrate vendor relationship practices into the execution
- Perform the major activities of project control and closure
- Identify effective communication, team building and relationship concepts that can improve project
- Recognize the quality and cultural change issues inherent in implementing IT project management
- Identify the critical factors in multi-project management and project portfolio management, including the interplay between business and technology issues, intra-organizational issues, resource management and cost benefit analysis
- Identify the strategic business and technology drivers of project selection and prioritization and use checklists of these drivers in project and program reviews
- Develop multi-project and program plans using project dependency analysis, risk analysis, architectural/infrastructure planning, resource management, project categorization and other techniques
- Identify the role of a Project Management Office in a multi-project management context
- Development approaches in the multi-project context
- Influence others in the organization regarding the improvement of multi-project management

Assessment Strategies:

Continuous Assessment Component	Weightage (%)
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QUIZ	15
QUIZ	15
Sub-Total	30

Examinable Component	Weightage (%)
ECA	70
Sub-Total	70

Weightage Total **100**