

MODULE DESCRIPTOR

MODULE TITLE	PROJECT MANAGEMENT		
MODULE CODE	EL3805 (L6)	CREDIT VALUE	10 CREDITS (5 ECTS)
CAMPUS	UCLAN CYPRUS		
SCHOOL	SCHOOL OF SCIENCE		

MODULE AIMS

1. To discuss and evaluate different methods for planning an engineering project.
2. To develop an understanding of a project lifecycle giving emphasis to electrical and electronic engineering projects.
3. To explore a range of techniques for addressing problems related to project management.
4. To develop skills in management, monitoring and control practice in an engineering project.

MODULE CONTENT

Introduction to Project Management:

Project definition
 Project organisation
 Stakeholders
 Implementation and control.

Project lifecycles:

Lifecycle and implementation choices.
 Specific requirements for engineering projects.

Project Planning:

Leadership, project-team, communication, work plan (Gantt diagram), estimation techniques.
 Project budget, Cost analysis including IRR methods.
 Introduction to risk assessment, contingency plans and management.

Project monitoring and control:

Project monitoring, milestones, deliverables and control.
 Testing methods, inspections and audit.
 Quality Control and Quality Assurance.

INTENDED LEARNING OUTCOMES

On successful completion of this module a student will be able to:	
1.	Apply appropriate techniques for the planning an engineering project.
2.	Implement and manage a planned engineering project.
3.	Discuss and evaluate different techniques for the monitoring, control and quality management of engineering projects.
4.	Prepare budget estimation and financial management of a project.
5.	Foresee contingency plans in case of unpredictable problems in an engineering project.

TEACHING METHODS

The method of assessment for this module has been designed to test all the learning outcomes. Students must demonstrate successful achievement of these learning outcomes to pass the module.

ASSESSMENT METHODS

The module is assessed through a report.