


<div></div> <div>General Sir John Kotelawala Defence University</div> <div>Faculty of Engineering</div> <div>Electrical and Electronic Engineering Degree Program</div> <div>Module Descriptor</div>							
Module Code	EE 3242	Module Title	Project Management				
Credits	2	Hours per Semester (Notional)	Lectures	24	Evaluation (%)	EA	70
GPA/NGPA	GPA		Tutorials	12		CA	30
C/E/O	C		Labs	-	Prerequisites/ Co-requisite	-	
Semester	6		Independent Learning and Assessments	64			
C- Compulsory, E- Elective, O- Optional, GPA- Grade Point Average, EA -End Semester Assessment, CA: Continuous Assessment							

### Module Objective

To provide knowledge on basic skills of project management.

### Learning Outcomes

After the completion of this module, the learner will be able to,

LO1: Plan project goals, constraints, deliverables, performance criteria, control needs, and resource requirements.

LO2: Generate a project charter and project management plans.

LO3: Assess project constraints including scope, quality, cost, and time.

LO4: Assess project risk and develop risk management plan.

Content	Hours		
	L	T	LB
<b>Project management context. [LO1]</b> Definition of project management and relationship to other management disciplines. Project life cycle, role of the project manager, project goals, constraints, deliverables, performance criteria, control needs, resource requirements, resource management, procurement management.	8	4	-
<b>Project integration management [LO1, LO2]</b> Project charter, project management plan, management of project knowledge, monitor and control project work, change control, closing of project.	4	2	-
<b>Project management tools. [LO2]</b> Technology tools for project planning, communication, collaboration, information management, and decision support.	4	2	-
<b>Monitor and control the project. [LO3]</b> Management of the project scope, time, cost and quality.	4	2	-
<b>Project risk management. [LO4]</b> Types of project risk, estimate project risk, project risk management planning.	4	2	-
<b>Active Hours (AH) = 24 + 12/2 = 30</b>	24	12	-

**Notations:** L-Lecture, T- Tutorial, LB-Practical

Course Assessment / Evaluation					
LO	Per Unit Weight of LO	Continuous Assessments (CA)		End Semester Assessment (EA) Marks	Total Marks Out of 100
		Lab/Field Assessments Marks	Other Continuous Assessments Marks		
LO1	0.30	-	6 (CA1)	24	30
LO2	0.30	-	12 (CA2)	18	30
LO3	0.20	-	6 (CA3)	14	20
LO4	0.20	-	6 (CA4)	14	20
Total Marks		30 Marks		70 Marks	100 Marks

Other Continuous Assessments details	
CA1	Preparation of quality management plan, resource management plan, and procurement management plan (Group project)
CA2	Preparation of project charter and scope management plan (Group project)
CA3	Preparation of schedule management plan, schedule baseline, and cost management plan (Group project)
CA4	Preparation of communication management plan, and risk management plan (Group project)

### LO-PO Mapping

Learning Outcome	Per unit weight	Program Outcome										
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
LO1	0.30					M	M	M	M	M	M	M
LO2	0.30					H	H		M	M	H	M
LO3	0.20					M	H	M	M	M	M	M
LO4	0.20					M	M	M	M	M	M	M
Module	1.00					H	H	M	M	M	H	M

### Recommended Reading

- [1] Project Management Institute (Ed.), “The standard for project management and a guide to the project management body of knowledge (PMBOK guide)”, 7th ed. Project Management Institute, Inc, Newtown Square, Pennsylvania, 2021.