ZPRO H3202: Project Management

Module Title:	Project Management
Language of Instruction:	English

Credits:	10

NFQ Level:	7

Module Delivered In	No Programmes

Teaching & Learning Strategies:	Mix of lectures, tutorials and workshops. Practical exercises with software tools in student's own time. Formative and summative assessments.

Module Aim:	To introduce the student to the concepts and techniques of project management

Learning Outcomes	
On successful completion of this module the learner should be able to:	
LO1	Calculate cost, productivity and quality metrics using different measures of size.
LO2	Estimate project cost and other resources, including tuning of cost models.
LO3	Identify, estimate and manage risk.
LO4	Develop a schedule and critical path and discuss the effect of delays.
LO5	Understand group dynamics and use it to best advantage.
LO6	Focus on quality and use PMBOK and ISO Standards.
LO7	Put into practice the various soft skills and techniques of project management.

Pre-requisite learning
Module Recommendations *This is prior learning (or a practical skill) that is recommended before enrolment in this module.*
No recommendations listed
Incompatible Modules *These are modules which have learning outcomes that are too similar to the learning outcomes of this module.*
No incompatible modules listed
Co-requisite Modules
No Co-requisite modules listed
Requirements *This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.*
No requirements listed

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Module Content & Assessment

Indicative Content
Project Management Stages; the Project Plan; probability of success indicator.
Management Skills Leadership; problem-solving; time management; negotiation; stress management; staff selection; meetings and presentations; decision-making; management theories; motivation factors.
Metrics Types of metrics; function points and other measures of size; metrics calculation.
Cost Estimation Expert opinion, analogy, algorithmic cost models; model tuning.
Risk Analysis Identification, estimation, management and monitoring of risks; case studies.
Scheduling and Resource Allocation Critical path analysis; charts and diagrams, tools.
Project Tracking and Control Tracking mechanisms; when and how to control.
Teams Group dynamics; personality issues; team formation; workplace.
Accelerated Development Techniques; difficulties.
Quality PMBOK; product quality and process quality; ISO quality standards; Prince2; Capability Maturity Model.

Assessment Breakdown	%
Continuous Assessment	40.00%
End of Module Formal Examination	60.00%

Continuous Assessment

Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Examination	Individual Written Exam	1	10.00	Week 6
Examination	Individual Written Exam	2,3	10.00	Week 11
Case Studies	Take-Home Critical Path Exercises	4	5.00	Week 15
Examination	Individual Written Exam	5,6,7	10.00	Week 20
Performance Evaluation	Participation in class exercises and discussions	1,2,3,4,5,6,7	5.00	Every Week

No Project

No Practical

End of Module Formal Examination

Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Formal Exam	No Description	1,2,3,4,5,6,7	60.00	End-of-Semester

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

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Module Workload

Workload: Full Time		
Workload Type	*Frequency*	*Average Weekly Learner Workload*
Lecture	20 Weeks per Stage	3.00
Estimated Learner Hours	20 Weeks per Stage	4.00
	Total Hours	140.00