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| Module Title: | Project |
| Credits: | 15 |
| NFQ Level: | 7 |
| Module Delivered In | No Programmes |
| Teaching & Learning Strategies: | Learners are expected to work independently on their project. Weekly meetings with their project supervisor provide general guidance, advice and encouragement throughout the project life-cycle. A project diary (reflective journal) is maintained by the learner and must be signed by the project supervisor on a weekly basis. The project presentation provides the learner with valuable experience of presenting their work within a public setting. |
| Module Aim: | To provide the learner with the experience of working on a real-world, realistically sized project, which utilizes -- in a practical way -- the knowledge and skills covered in the other course modules. |

| Learning Outcomes | |
|---|--|
| <i>On successful completion of this module the learner should be able to:</i> | |
| LO1 | Work to a deadline. |
| LO2 | Appreciate the importance of advanced planning as it relates to large projects. |
| LO3 | Conduct research into appropriate technology choices. |
| LO4 | Produce a storyboard depicting the flow of a web-based application. |
| LO5 | Confidently present and discuss their work within a public presentation and demonstration setting. |
| LO6 | Produce professional quality documents describing their work. |
| LO7 | Design and implement a fully functioning web and mobile application for an external entity |

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

Module Content & Assessment

Indicative Content

Overview

Learners are required to frame their project around the provision of a web presence for an entity external to the Institute (commercial business or non-commercial organization). The web presence is to have a number of integrated components, including: • a content management system • a discussion forum system • an e-commerce facility • an administrative interface This entity is chosen by the learner in consultation with their assigned project supervisor. The project has a number of distinct phases, with specific deliverables to be produced by the learner at each phase.

Planning & Research

Research Outcomes Document include at least the following material: - description of project - description of entity (web presence) - proposed project plan and timeline - review of existing technologies: - content management systems - web-based forum software - e-commerce applications (shopping-carts, etc.) - web-based database systems - platform preferences:

Specification and Design

Project Specification Document and Web Application Storyboard

Mid-point Presentation

Progress-to-Date Presentation

Implementation

Completed Project - technical materials (on CD) - technical documentation and administration & user manuals (hardcopy) - annotated and signed Project Diary

Reporting & Delivery

Project Report – summary of project experience Project Demonstration and Presentation of Work Completed – a defense of the completed project work and material

Assessment Breakdown

%

Project

100.00%

No Continuous Assessment

Project

| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
|-----------------|--|-------------------|------------|-----------------|
| Project | Project Specification and Plan (including proposal, Research, Design, Storyboard) 25%, Progress-to-date Presentation 10%, Project Report (including Admin and User's Guide) 25%, Project Diary 5%, Amount Completed 25%, Technical Innovation 5%, Overall Quality 5% | 1,2,3,4,5,6 | 100.00 | Sem 1 End |

No Practical

No End of Module Formal Examination

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

Module Workload

| Workload: Full Time | | |
|----------------------------|--------------------|--|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Laboratory | 10 Weeks per Stage | 6.00 |
| Independent Learning | 10 Weeks per Stage | 20.00 |
| Total Hours | | 260.00 |

