**Module Definition Form (MDF)**

| **Module code: MOD003279** | **Version:** 3 **Date Amended:** 12/Jun/2019 |
|---|---|

| **1. Module Title** |
|---|
| Cost and Financial Management |

| **2a. Module Leader** |
|---|
| Olalekan Oshodi |

| **2b. School** |
|---|
| School of Engineering and the Built Environment |

| **2c. Faculty** |
|---|
| Faculty of Science and Engineering |

| **3a. Level** |
|---|
| 7 |

| **3b. Module Type** |
|---|
| Standard (fine graded) |

| **4a. Credits** |
|---|
| 15 |

| **4b. Study Hours** |
|---|
| 150 |

**5. Restrictions**

| **Type** | **Module Code** | **Module Name** | **Condition** |
|---|---|---|---|
| Pre-requisites: | None | | |
| Co-requisites: | None | | |
| Exclusions: | None | | |
| **Courses to which this module is restricted:** | None | | |

## LEARNING, TEACHING AND ASSESSMENT INFORMATION

### 6a. Module Description

This module is designed to provide an understanding of the financial, commercial and cost aspects of project management. It explores the business and commercial environment in which projects exist, critically evaluating the factors that influence the strategic and financial rationale for the project. It provides an understanding of how the business case for projects is developed, established and evaluated, together with the processes involved, supported by an understanding of financial and accounting protocols and practices. An appreciation of various sources of funding and financial arrangements for projects and project portfolios is developed. Understanding of the funding mechanisms commonly applied to projects is undertaken to enable students to recognise and manage the implications of these on the project and portfolio of projects. The module aims to provide an understanding of the methods used to estimate costs and develop budgets, together with the skills to apply value management and whole life costing techniques to maximise project value to the customer. The module recognises the importance of the effective cost management of projects and is designed to develop each student's abilities to provide effective cost control, cash flow and financial forecasts at every stage of the project.

### 6b. Outline Content

• Business case • Funding and financing of projects • Budgeting and estimating - Whole life cost - Value management - Cash flow - Finance and accounting - Forecasting and reporting - Managing portfolios

### 6c. Key Texts/Literature

The reading list to support this module is available at: https://readinglists.aru.ac.uk/

### 6d. Specialist Learning Resources

None

### 7. Learning Outcomes (threshold standards)

| No. | Type | On successful completion of this module the student will be expected to be able to: |
|---|---|---|
| 1 | Knowledge and Understanding | Demonstrate a critical understanding of the financial, commercial and cost factors that affect the management of projects. |
| 2 | Knowledge and Understanding | Critically evaluate and formulate appropriate approaches to provide effective cost management of projects. |
| 3 | Intellectual, practical, affective and transferrable skills | Gather, critically analyse and evaluate information from a range of sources and perspectives. |
| 4 | Intellectual, practical, affective and transferrable skills | Adapt, modify and apply ideas, concepts and procedures to different situations. |

| 8a. Module Occurrence to which this MDF Refers | | | | |
|---|---|---|---|---|
| **Year** | **Occurrence** | **Period** | **Location** | **Mode of Delivery** |
| 2026/7 | ZZF | Template For Face To Face Learning Delivery | | Face to Face |

| 8b. Learning Activities for the above Module Occurrence | | | |
|---|---|---|---|
| **Learning Activities** | **Hours** | **Learning Outcomes** | **Details of Duration, frequency and other comments** |
| Lectures | 12 | 1 & 2 | Lecture 1 hr x 12 weeks |
| Other teacher managed learning | 24 | 1-4 | Workshop/Seminar/Tutorial 2 hr x 12 weeks |
| Student managed learning | 114 | 1-4 | Private study |
| TOTAL: | 150 | | |

| 9. Assessment for the above Module Occurrence | | | | | |
|---|---|---|---|---|---|
| **Assessment No.** | **Assessment Method** | **Learning Outcomes** | **Weighting (%)** | **Fine Grade or Pass/Fail** | **Qualifying Mark (%)** |
| 010 | Coursework | 1, 3 & 4 | 50 (%) | Fine Grade | 40 (%) |
| **Essay 1500 words** | | | | | |
| **Assessment No.** | **Assessment Method** | **Learning Outcomes** | **Weighting (%)** | **Fine Grade or Pass/Fail** | **Qualifying Mark (%)** |
| 011 | Coursework | 2, 3 & 4 | 50 (%) | Fine Grade | 40 (%) |
| **Report 1500 words** | | | | | |

**In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).**

**In addition, students are required to:**
**(a) achieve the qualifying mark for each element of fine graded assessment as specified above**
**(b) pass any pass/fail elements**

**[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]**