**YEAR ONE SEMESTER TWO**

**BPM 3121: PROJECT MANAGEMENT**

**Purpose**

To equip the learner with knowledge and skills of project management

**Expected Learning Outcomes**

By the end of this course, learners should be able to:

1. Review and Evaluate a Project.
2. Discuss project and review techniques.
3. Describe a project cycle

**Course Description**

Introduction to project management: role of project manager and the project team, project management skills; Project planning: resource planning, financial planning, quality planning, risk planning, communication planning, procurement planning; Project planning tools :Work Breakdown Structure (WBS), Gantt charts, Project Evaluation and Review Techniques (PERT), Critical Path Method (CPM) charts, milestone charts estimation techniques cumulative cost curves, network diagrams, resource histograms and the earned value method; project monitoring and evaluation: Cost and schedule performance monitoring, monitoring project quality, project evaluation, project control; managing project risks; managing project change; project closure.

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| Topic | Approximate Start Dates |
| **Introduction to project management**   * + Definition of project management   + Characteristics of project management   + Benefits and challenges of project management   + Project life cycle   + Role of project manager and the team   + Project management skills | Week 1& 2 |
| **Project planning**   * Resource planning * Financial planning * Procurement planning * Quality planning * Risk planning * Communication planning * Procurement planning | Week 3,4 & 5 |
| **CAT 1** | Week 6 |
| **Project planning tools**   * Work Breakdown Structure (WBS), * Gantt charts, Project Evaluation and Review Techniques (PERT), * Critical Path Method (CPM) charts, * Milestone charts estimation techniques cumulative cost curves, * Network diagrams, * Resource histograms and * The earned value method | Week 7,8 & 9 |
| **Week 10** |  |
| **Project monitoring and evaluation:**   * Cost and schedule performance monitoring, * Monitoring project quality, * Project evaluation, * Project control; * Managing project risks; * Managing project change; * Project closure. | Week 11, 12 & 13 |
| Final examination | Week 14 & 15 |

**Teaching Methodologies**

Lectures, class discussions, group activities, case studies, individual and group presentations

**Instruction Materials/Equipment**

LCD Projector, White board, Textbooks, flip charts

**Course Assessment**

Continuous Assessment (CATs) 40%

Final Examination 60%

**Course Textbooks**

1. Gray, C.F., and Larson, E.W (2008) .Project management: The managerial process .4th Ed. Boston McGraw Hill Irwin.
2. Clements, P.J and Gido, J(2009) Effective Project Management.4thEd.South- Western, Cengage Learning, Canada.
3. 3.Kohil,U and Chitkara K.K.(2008) Project Management Handbook. Tata McGraw-Hill Publishing Company Ltd, New Delhi, India.

**Course Journals**

1. Project management journal
2. International journal of project management
3. Journal of modern project management

**Course Reference Textbooks**

1. Lock, Dennis (2007) The Essentials of Project Management.3rdEd.Gower.
2. Lewis,P.J.(2005) Project Planning, Scheduling and Control. McGraw-Hill.
3. Hopkinson, M.(2001) The Project Risk Maturity Model,(2ND ) Farnham: Gower Publishers

**Reference Journals**

1. International journal of project organisation and management
2. International journal of information technology project management
3. International journal of managing projects in business