Part I

Course Title: Understanding Project Management
Course Code: GEH1027
Department: SSC
Credit Point: 3
Contact Hours: 39
Pre-requisite(s): GEE1001

Part II

Synopsis

This course aims at providing students with the basic knowledge and skills in project management. Nowadays, almost all kinds of organizations, including schools, are required to undertake projects for various purposes. Due to constraints of resources, projects must be managed in a proper way to achieve expected outcomes. In this regard, project management emerges as one of the key determinants of the performance of organisations. The course uses the concept of project life cycle to cover theories and practices regarding project initiation, project planning, project implementation, project termination, and risk management.

Course Intended Learning Outcomes (CILOs)

Upon successful completion of this course, students should be able to:

• CILO 1: Define the project from the organizational perspective.
• CILO 2: Consider the nature of the organization that can meet the project environment.
• CILO 3: Understand the project design based on the capabilities, constraints, and risks of the organization.
• CILO 4: Solve simple time or resource problems in project implementation.
• CILO 5: Apply relevant project management software, such as Microsoft Project, for developing a project plan.
CILOs, Content and Teaching & Learning Activities

<table>
<thead>
<tr>
<th>Course Content</th>
<th>CILOs</th>
<th>Suggested Teaching &amp; Learning Activities</th>
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</thead>
<tbody>
<tr>
<td>Basic concepts of project and project management, including project definition and selection</td>
<td>CILO₁</td>
<td>Lecture, demonstration, group discussion, literature review</td>
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<tr>
<td>Project organization and management</td>
<td>CILO₂</td>
<td>Lecture, illustration, group discussion</td>
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<tr>
<td>Project planning methods, cost estimation techniques, and risk management tools</td>
<td>CILO₃</td>
<td>Lecture, demonstration, group discussion, case analysis, hands-on practice</td>
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<tr>
<td>Project monitoring methods and problem solving skills</td>
<td>CILO₄</td>
<td>Lecture, demonstration, group discussion, case analysis, hands-on practice</td>
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<tr>
<td>Use of a project management software</td>
<td>CILO₅</td>
<td>Group discussion, demonstration, case analysis, hands-on practice</td>
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Assessment

<table>
<thead>
<tr>
<th>Assessment Tasks</th>
<th>Weighting (%)</th>
<th>CILO</th>
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<tbody>
<tr>
<td>a. To develop a project plan for a 'real life' project, which needs the application of the principles, skills, and concepts discussed in the course.</td>
<td>40</td>
<td>CILO₁, 2, 3, 5</td>
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<td>b. To solve a specific time or resource problem associated with the project developed in the first assignment, and create a revised project plan.</td>
<td>40</td>
<td>CILO₁, 2, 3, 4, 5</td>
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<td>c. Participation in other activities, which may be tests, discussion, self-directed study and/or others, assigned by the lecturer.</td>
<td>20</td>
<td>CILO₁, 2, 3, 4</td>
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Required Text(s)

Recommended Readings


Related Web Resources

1. Project Management Institute (US-based)
   http://www.pmi.org
2. International Project Management Association (European-based)
   http://www.ipma.ch/Pages/default.aspx
3. Australian Institute of Project Management (Australian-based)

Related Journals

1. International Journal of Project Management
2. Project Management Journal
3. International Journal of Production Research
4. Journal of Technology Management in China
5. Industrial Management & Data Systems Information
7. Journal of Management in Engineering
8. Journal of Construction Engineering and Management
9. Built Environment Project and Asset Management

Others
Nil