



# برنامج الماجستير المهني " المتابعة والتقييم "

توصيف مقرر  
Information System and Project )  
(Management



معهد التخطيط القومي  
الدراسات العليا

توصيف مقرر

**Information System and Project )**  
**(Management**



ELECTIVE COURSES							
sr	Course Title	Code	TH	PH	CH	CU	Pre-Req.
4	<b>Information System and Project Management</b>	<b>PME-123</b>	30	15	45	3	<b>PME-108</b>
<b>Course Specification:</b>							
<p>This course provides students with a comprehensive introduction to project management in an information technology / information systems context. It will explain the need for project management and the issues associated with managing projects in the IS/IT context. It will explain the key phases of the project management cycle and describe the various tools and methods used in each of those phases. The course will consider both theoretical and practical perspectives and equip you with the necessary skills to be able to better manage or participate in projects. The course assumes no prior experience in project management, but does assume that you are familiar with the systems development lifecycle and have a good understanding of the processes involved in the development of information systems.</p>							
<b>Course Prerequisites:</b>							
PME-108: Project / Program Management							
<b>Course Objectives:</b>							
<p>The course objectives are to:</p> <ul style="list-style-type: none"> <li>• Provide students with both theoretical and practical skills in the management of software development and information systems implementation projects. These skills will also be of considerable benefit in completing later year courses and later in the students' career.</li> <li>• Develop students business professional, communication skills and group-working skills; improve their time management and assist them research skills.</li> </ul>							
<b>Course Outcomes:</b>							
<p>By the end of this course students are able to:</p> <ul style="list-style-type: none"> <li>• Identify the components of effective project management.</li> <li>• Outline the role of project management software methodologies, standards and project</li> </ul>							



management professional authorities in the management of IS/IT projects.

- Construct a workable project management plan that includes scope, tasks, time and costs components.
- Assess the performance of a project and make recommendations accordingly
- Perform a risk analysis on a project.
- Construct project communication, human resource management, risk management and procurement.
- Set up and manage a project using project management tools.

### Course Contents:

- The components of effective project management.
- Information Systems and Project Management.
- Project management professional authorities in the management of IS/IT.
- Assess the performance of a project.
- The role of project management software methodologies.
- Project management professional bodies.
- Practical project management components.
- Assessing the performance of a project.
- Risk analysis on a project.
- Project communication, and procurement.
- Set up and manage a project using project management tools.
- Project communication, human resource management.

### Course Assessment:

Participation and Discussion	10%
Quizzes	10%
Individual Assignment	15%
Mid –Term Exam	15%
Final Exam	50%

### Key References:

- David Olson, Introduction To Information Systems Project Management Paperback 1, McGraw-Hill/Irwin
- James Cadle, Donald Yeates, 2004, Project Management For Information Systems, Pearson Education Limited
- David Avison and GholamrezaTorkzadeh, 2009, Management Information Systems, Project



Management, SAGE Publications, Inc.