



UNIVERSITI TEKNOLOGI MARA

ICP804: PROJECT PLANNING, MONITORING AND CONTROL-PRINCIPLES, TOOLS AND TECHNIQUES

Course Name (English)	PROJECT PLANNING, MONITORING AND CONTROL-PRINCIPLES, TOOLS AND TECHNIQUES APPROVED		
Course Code	ICP804		
MQF Credit	4		
Course Description	This course is aimed at improving the project managers' awareness of the origin of project management and project planning, together with the skills and competencies of effective project management. The project managers will be exposed to the use of planning, monitoring tools and techniques (including the use of a suitable software). In addition, the course will consider the importance of standard project methodologies for managing project. The course is to be delivered through lectures and tutorials. The students are expected to submit assignments and also sit for an examination		
Transferable Skills	demonstrate ability to apply , creative, imaginative and innovative thinking and ideas to problem solving		
Teaching Methodologies	Lectures		
CLO	<p>CLO1 Discuss and analyze the roles of the project manager, the skills (as per Project Management Body of Knowledge) and competencies needed for effective project management and applying Line of Balance and Critical Chain Method scheduling techniques for project planning, monitoring and control.</p> <p>CLO2 Understanding role of project resources management to facilitate scheduling (resource optimization, material management etc) and understanding the criteria for measuring project success and progress and apply a typical standard project methodology [e.g., Projects in Controlled Environments (PRINCE 2)] on a given project</p> <p>CLO3 Apply the concept of Building Information Modelling (BIM) for construction projects using relevant software with suitable BIM documentations.</p> <p>CLO4 Demonstrate the understanding and apply at least one appropriate computer software in planning, monitoring and control of a typical project</p>		
Pre-Requisite Courses	No course recommendations		
Reading List	<table border="1"> <tr> <td>Recommended Text</td> <td> <ul style="list-style-type: none"> • Ian Lawton 2015, <i>Prince2 Made Simple</i>, 1 Ed., P2ms Press London [ISBN: 9780992816339] • Harold R. Kerzner 2013, <i>Project Management: A Systems Approach to Planning, Scheduling, and Controlling</i>, 11 Ed., Wiley New York [ISBN: 9781118022276] • Saleh A. Mubarak 2015, <i>Construction Project Scheduling and Control</i>, 3 Ed., John Wiley & Sons New York [ISBN: 9781118846001] • Anthony Walker 2015, <i>Project Management in Construction</i>, John Wiley & Sons [ISBN: 1118500407] • Project Management Institute 2013, <i>A Guide to the Project Management Body of Knowledge (PMBOK® Guide)</i>, 5 Ed., Project Management Inst Newtown Square, Penn. [ISBN: 9781935589679] </td> </tr> </table>	Recommended Text	<ul style="list-style-type: none"> • Ian Lawton 2015, <i>Prince2 Made Simple</i>, 1 Ed., P2ms Press London [ISBN: 9780992816339] • Harold R. Kerzner 2013, <i>Project Management: A Systems Approach to Planning, Scheduling, and Controlling</i>, 11 Ed., Wiley New York [ISBN: 9781118022276] • Saleh A. Mubarak 2015, <i>Construction Project Scheduling and Control</i>, 3 Ed., John Wiley & Sons New York [ISBN: 9781118846001] • Anthony Walker 2015, <i>Project Management in Construction</i>, John Wiley & Sons [ISBN: 1118500407] • Project Management Institute 2013, <i>A Guide to the Project Management Body of Knowledge (PMBOK® Guide)</i>, 5 Ed., Project Management Inst Newtown Square, Penn. [ISBN: 9781935589679]
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Article/Paper List	This Course does not have any article/paper resources		
Other References	This Course does not have any other resources		

