

SEPTEMBER 23,2023

COURSE INTRODUCTION

PROJECT OPERATIONS MANAGEMENT

MGM415

prepared by :Dr.Mahmoud Ibrahim



Today, delivering valuable projects the global industries is not just a 'nice-to-have'; it's a critical success factor. Project operations management is a part of the game-changer that can help achieve this project value added to sustain the business success

BASIC INFORMATION

TITLE: Project Operations Management

CODE: MGM415

CREDIT HOURS: 3 C.H.

SUBSEQUENT(S): Project Quality Management

CLASSIFICATION: Major Restricted Course (Project Management)

LEARNING OUTCOMES:

after successfully completing the Project Operations Management course.

1. To efficiently plan, carry out, control, and close projects, apply sophisticated project operations management principles and methodologies.
2. Create thorough holistic project operations management plan that is in line with company goals and maximize resource use
3. Identify holistic project operations management and its phases, analyze them, and use powerful communication techniques to control stakeholder expectations.
4. Show leadership qualities and manage project performance and progress well, encouraging cooperation and inspiration.
5. Identify and evaluate the project's risks, and then apply risk management techniques to reduce any problems.
6. Implement post review metrics for continuous improvement and assess the effectiveness of project operations using the proper metrics.
7. Use knowledge management techniques and lessons learnt to improve project operations in the future.

LEARNING OBJECTIVES :

It includes understanding the principles and techniques used in managing projects, developing skills in effectively planning and organizing project activities, and gaining knowledge of how to monitor and control project progress. Additionally, students will learn how to identify and mitigate project risks, and how to effectively communicate and collaborate with project stakeholders. The course also aims to develop critical thinking and problem-solving skills, as well as enhance students' ability to make informed decisions in project management. Overall, the learning objectives of the professional project operations management course are designed to prepare students for successful project management careers.

COURSE DESCRIPTION:

The Project Operations Management course is designed to provide students with an in-depth understanding of the global and advanced principles, techniques, and best practices in managing complex projects. The course builds upon the foundational knowledge of project management and explores advanced concepts and strategies for optimizing project operations. Students will develop the skills necessary to successfully plan, execute, control, and close projects in a variety of industries.

In order to ensure that students have a well-rounded understanding of project operations management, this course will also cover significant elements of holistic project operations management on both project management performance, such as scope management, risk assessment, resource allocation, and project evaluation, as well as the project life cycle. Overall, students will graduate from the course with the knowledge and skills necessary to successfully lead and manage projects from beginning to end and to contribute value to the business.

By the end of the course, students will be equipped with the necessary skills and knowledge to successfully manage projects in a holistic and efficient manner. They will have a deep understanding of how to develop effective project operations management plans, which will greatly impact the overall project management plan and the project life cycle and deliver business benefits. Additionally, they will be able to effectively measure project performance using both holistic project performance metrics and project progress metrics.

Course Syllabus

LECTURE NO.	THE LECTURES TOPICS
0	The operational root causes of the project and their effects on its success or failure
1	The four traditional project operational approaches, as well as HPJOMS and its life cycle of managing the project fit technicality (PJFT)
2	HPJOMS's first phase : Developing the “Holistic Project Operations Management Plan” (HPJOMP).
3	HPJOMS's second phase : preparing HPJOM performance and progress metrics .
4	HPJOMS's third phase : Developing the “Project Operations Management Plan” (PJOMP).
5	HPJOMS's forth phase : Applying the (PJOMP) on the Project management plan.(PMP) .
6	HPJOMS's forth phase : Applying the (PJOMP) on the Project life cycle (PLC) as the project initiation phases .
7	PJOMP and project planning phase .
8	PJOMP and project Execution phase.
9	PJOMP and the M&C and closing phases .
10	HPJOMS's fifth phase : Applying the (HPJOMP) on the Project post reviews (after the PLC) .

REFERENCES

PMBOK 6th Edition and PMBOK 7th EDITION