



Course Outline

Course number	RBE150					
Course title	Project Management					
Credit points	3 ECTS					
Total hours	75					
Contact hours	32					
Independent studies	43					
Course level	Bachelor					
Prerequisites	None					
Category	Mandatory		Restricted elective	X	Free elective	

COURSE TEACHERS

No.	Name	Academic degree	Academic position
1	Waleed Gumaa	MBA, BA	Programme Director/Lecturer

COURSE ABSTRACT

A competent project manager must be able to handle four critical project components at the same time - resources, time, money, and scope - while also understanding how these elements are intrinsically connected. Each aspect is critical to the success of a project, and changes in one will always have an influence on the others. For example, an expansion in project scope may necessitate more resources, a larger budget, or a longer timeframe. To achieve success, the project manager must skilfully balance these aspects, ensuring that changes to one area are strategically coordinated with the others in order to preserve overall project health and meet objectives.

Managing these issues is a simultaneous activity that demands ongoing attention throughout the project's lifespan. The lifecycle, which includes initiation, planning, execution, monitoring, and closure, offers an organised framework for handling these components from beginning to end. Proper training provides project managers with the tools and strategies they need to traverse each phase successfully. It emphasises the significance of proactive issue resolution, clear communication, and constant monitoring to keep all aspects under control and stakeholders aligned.

Furthermore, initiatives have developed into crucial elements of the business process, functioning as vehicles for achieving strategic objectives, encouraging innovation, and providing value. Organisations are increasingly relying on well-executed projects to be competitive and operationally efficient. As a result, the function of the project manager is more important than ever, needing not only technical skill but also the ability to efficiently integrate projects into larger corporate goals.

To achieve these objectives, project managers must use practical tools such as Gantt charts, resource allocation software, and budgeting systems to efficiently manage resources, time, money, and scope. They must also be adaptive, since unforeseen obstacles frequently necessitate quick decisions and plan recalibration. Project managers may assure project success by using a comprehensive, lifecycle-driven strategy and communicating clearly with all stakeholders. This includes satisfying both organisational goals and stakeholder expectations.

COURSE OBJECTIVES

By the end of the course, students will have a thorough understanding of the steps involved in project planning, implementation, execution, and management, regardless of size or application. They will acquire insight into the organised procedures that form the foundation of effective project management, allowing them to confidently navigate each level. From generating initial project plans to monitoring progress and managing obstacles, students will learn how to use systematic ways to guarantee that project objectives are accomplished effectively. The course focusses on the complex link between time and money in project management, emphasising how each has a direct impact on the other and the overall conclusion of a project.

Students will also look at how issues like scope creep and scope modification affect deadlines and budgets. Understanding these possible hazards and their ramifications will help students develop the skills they need to make educated, strategic decisions in real-world project circumstances. They will be able to analyse risks, efficiently manage resources, and execute adjustments while ensuring the project's overall success. These practical skills will prepare students to take on projects of any size, transforming them into confident and competent managers capable of adding value in a variety of professional situations.

GRADING CRITERIA

The course will be assessed through a series of quizzes and a take home final that will consist of 2 parts: Essay type questions as well as a project design and calculation exercise.

Criteria	Weighting
Online Quizzes: <i>After every section we cover.</i>	20%
Exam: <i>Take home written exam + spreadsheet</i>	80%

COURSE REQUIREMENTS

The course will be assessed using 2 methods:

1. Quizzes will open after completion of a main subject and will be announced in class. Quizzes will open at 5pm on the day assigned and close 9am the next morning. They are timed based on the number of questions. Missed quizzes cannot be retaken!
2. **Final Assessment:** The final assessment is individual work and is made up of 2 parts:
 - a. **Essay Questions** – you will have some questions to answer in short essay format.
 - b. **Spreadsheet** – You will have a hypothetical project in progress. You will need to analyse and calculate the expected outcome of the project using the tools and methodology gained in class.
3. **Attendance:** Attending this course is essential for comprehending the material. There will be a 70% mandatory participation requirement. If this requirement is not met, the course will be considered as failed (no re-examination) and must be repeated when it is next provided.

COURSE PLAN – MAIN SUBJECTS

No.	Main subjects	Planned hours
1	Introduction & Overview of Project Management	4 hours
2	Planning and controlling projects	4 hours
3	Project management concepts and processes	4 hours
4	Using the WBS to plan a project	2 hours
5	Project scheduling	6 hours
6	Project control and evaluation	2 hours
7	Project control using EVA	6 hours
8	Project Workshop	4 Hours

