



## Module (Course Syllabus) Catalogue 2022-2023

<b>College/ Institute</b>	Erbil Technology College	
<b>Department</b>	Information and Communication Technology Engineering	
<b>Module Name</b>	Engineering Management	
<b>Module Code</b>	<b>ENM604</b>	
<b>Degree</b>	Technical Diploma <input type="checkbox"/>	Bachelor <input checked="" type="checkbox"/>
	High Diploma <input type="checkbox"/>	Master <input type="checkbox"/> PhD <input type="checkbox"/>
<b>Semester</b>	6	
<b>Qualification</b>	MSc	
<b>Scientific Title</b>	<b>Assistant Lecturer</b>	
<b>ECTS (Credits)</b>	4	
<b>Module type</b>	Prerequisite <input type="checkbox"/>	Core <input checked="" type="checkbox"/> Assist. <input type="checkbox"/>
<b>Weekly hours</b>	3	
<b>Weekly hours (Theory)</b>	(2) hr Class	(69) Total hrs Workload
<b>Weekly hours (Tutorial)</b>	(1) hr Class	(39) Total hrs Workload
<b>Number of Weeks</b>	16	
<b>Lecturer (Theory)</b>	<b>Salar Ismael Ahmed</b>	
<b>E-Mail &amp; Mobile NO.</b>	Salar.ahmed@epu.edu.iq 07504685776	
<b>Lecturer (Tutorial)</b>	<b>Salar Ismael Ahmed</b>	
<b>E-Mail &amp; Mobile NO.</b>	Salar.ahmed@epu.edu.iq 07504685776	
<b>Websites</b>	<b>www.epu.edu.iq</b>	

# Course Book

<p><b>Course Description</b></p>	<p>This course is designed to be an overview of the primary functions of management. Emphasis is on planning, organizing, leading, controlling, and communicating. Focusing on the theory and practice of managing an organization and its resources to meet the organizational goals.</p>
<p><b>Course objectives</b></p>	<p>This module aims to provide students with an integrated set of concepts and theories for understanding the process of Management in organizations.</p>
<p><b>Student's obligation</b></p>	<p><b>Cell phone</b> In order to avoid distracting the class or other students, I ask that you turn your cell phone off or set it to silent while in the class. If it is necessary, please excuse yourself from the classroom while on the phone.</p> <p><b>Email Addresses:</b> all students are required to provide the lecturer with their functional email addresses for communication and sharing lecture materials.</p> <p><b>Regularity:</b></p> <ul style="list-style-type: none"> <li>- Students are required to attend the class on time in case of urgency; you must enter the class silently and sit as soon as you find an available seat.</li> <li>- -Print the lecture notes provided by lecturer before the class</li> <li>- Avoid being distractive or disruptive to others in the class</li> <li>- -Participate in class discussions</li> <li>- -Let the lecturer know when a subject is vague (unclear)</li> <li>- -Be thoughtful (prepared) when attending quiz and exam sessions.</li> </ul> <p><b>Drinks:</b> Students can have a bottle of water and a cup of tea or coffee, but you must respect the hygiene of the class. Plus when the class is done, all the chairs must be seated well into their regular positions.</p> <p><b>Discrimination &amp; Harassment:</b> This classroom must be an environment that is free of discrimination and harassment based on a person's sex, race, color, age, religion, disability, ancestry, or national origin, consistent with applicable laws in the University. All students are required to respect the rights, opinions,</p>
<p><b>Required Learning Materials</b></p>	<p>Lecture notes and reading materials</p> <ul style="list-style-type: none"> <li>-Data Show (Projector) to demonstrate the materials in the lecture</li> <li>-Dashboard (Simple use to illustrate confusing essential subject contents)</li> </ul>

Evaluation	Task		Weight (Marks)	Due Week	Relevant Learning Outcome
	Paper Review				
	Assignment	Homework	10%	4	
		Class Activity	2%	12	
		Seminar	8%	1	
		Report	8%	1	
	Quiz		8%	2	
	Midterm Exam		24%		
	Final Exam		40%		
	Total		100%		
Specific learning outcome:	<ul style="list-style-type: none"> <li>- Know and be aware of the manager's important role in leading organizations to achieve objectives effectively in this current competitive, diverse, and dynamic environment.</li> <li>- Explore the interrelations between organizational structure, human resource management, technological change, and competition critically</li> <li>- Assess the Importance of good communication on the practice of management in organizations</li> <li>- Identify key concepts of marketing and production management</li> <li>- Explore the role of managers in the financial sector and the risks introduced to organizations by controlling and planning those criteria.</li> </ul>				
Course References:	<p>- Nasrat A.Madah, (2016). <i>Principle of Management, First Edition</i>, Tafseer press.</p> <p>-William, Pride. Robert, Hughes. Jack, Kapoor. (2013). <i>Business12 ed.</i> (Book). Cengage Learning.</p>				
Course topics (Theory)		Week	Learning Outcome		
- Management Key Concepts		1	Outcome management focuses on and tracks a client's progress over time and looks at the effectiveness of service delivery through the achievement of client successes/changes as outcomes.		
- Planning		2	develop plans with relevant people to achieve the project's goals.		
- Organizational Structure		3	The way an organization is structured determines how tasks are assigned, who reports to whom, what processes are in place to resolve customer concerns and complaints, and, most important, it designates the manager's span of control.		
- Leadership		4	Good leadership creates employee engagement and passion, which lead to higher levels of customer loyalty, service, innovation, and ultimately profits.		

- Controlling	5	statements that describe the knowledge or skills students should acquire by the end of a particular assignment, class, course, or program, and help students understand why that knowledge and those skills will be useful to them.
- Decision Making	6	Use that insight to make more effective decisions. possess a range of different perspectives on what counts as an 'effective' decision.
- Human Resource Management	7	Demonstrate an understanding of key terms, theories/concepts and practices within the field of HRM. Demonstrate competence in development and problem-solving in the area of HR Management. Provide innovative solutions to problems in the fields of HR
- Marketing Management	8	Critically evaluate the key analytical frameworks and tools used in marketing.
- Motivation	9	The success of students in achieving high learning outcomes is determined by achievement motivation
- Scheduling	10	Student will be understanding the engineering project scheduling, scheduling methods, Gantt chart, and network. Dummy Activity, Activity calculation, event calculator, PERT network, and cost slope.
Plant Location	11	Students will be able to understand and apply knowledge on factors influencing in the plat location. Market, Labour, transportation Facilities, availability of power and fuel, Availability of Row materials, Climate and Atmospheric conditions, Availability of water, Laws and Taxation, Drainage and Soil Conditions, Social and Recreation facilities.
Computer Integrated Manufacturing CIM	12	Students will be able to understand and apply knowledge on Material Resource Planning, Structure Product, Sequencing,

## Questions Example Design

### 1. Compositional: for example:

1. most of the exam questions will be compositional as the following example:

- Define the following terms:

Goal vision mission

-list the four functions of the organization and explain one of them in details?

-Draw the steps of decision making in an organization?

-How to deal with the problem of cognitive biases in decision making?

### 2. True or false type of exams: for example:

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#### 1. Multiple choices: for example:

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#### 2. Gaps for example:

## Extra notes:

the student's obligation must be clearly informed students of the following:

- Students will be engaged in discussions and analyzing cases and make a presentation.

- Students may be called upon to write reports and do researches.

- Students are required to attend the class throughout the year.

## **External Evaluator**

### **The Course Catalogue reviewed by**

Asst. Lecturer Kamal Mohammed Abdullah

MSc. Business Administration.

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