

MODULE DESCRIPTION FORM

Module Information			
Module Title	Principles of Management		Module Delivery
Module Type	S		☒ Theory ☒ Lecture ☐ Lab ☐ Tutorial ☐ Practical ☐ Seminar
Module Code	MANG210		
ECTS Credits	2		
SWL (hr/sem)	50 H/Sem.		
Module Level	2	Semester of Delivery	
Administering Department	Laser and optoelectronics Eng.	College	College of Engineering
Module Leader	Moataaz Slman Hassan	e-mail	Moataaz.slman@alayer.edu.iq
Module Leader's Acad. Title	Asst. prof.	Module Leader's Qualification	PhD
Module Tutor	Moataaz Slman Hassan	e-mail	Moataaz.slman@alayer.edu.iq
Peer Reviewer Name		e-mail	Hasnaa.Mohammad@alayer.edu.iq
Scientific Committee Approval Date		Version Number	1.0

Relation with other Modules			
Prerequisite module		Semester	
Co-requisites module		Semester	

Module Aims, Learning Outcomes and Indicative Contents	
Module Objectives	Fundamental concepts and principles of management – evolution of management thought – functions of management (planning, organizing, leading, controlling) – motivation, communication, and decision-making – leadership and teamwork – time and stress management – ethics and social responsibility in organizations – strategic and operational planning – innovation and change management – case studies in engineering management.



Module Learning Outcomes	Knowledge	A1	A1.1: Understand the fundamental theories and principles of management and their relevance to engineering contexts. A1.2: Explain the main managerial functions including planning, organizing, leading, and controlling.
	Skills	B1	B1.1: Work effectively as an individual and as part of a team to solve management-related challenges. B1.2: Demonstrate leadership and communication skills in group activities
	Ethics	C1	C1.1: Recognize professional and ethical responsibilities in management practice. C1.2: Demonstrate integrity and respect for diversity in decision-making and teamwork.
Indicative Contents	Indicative content includes the following.		
	Unit 1: Introduction to Management – meaning, importance, and scope.		
	Unit 2: Evolution of Management Theories – classical, behavioral, and modern approaches.		
	Unit 3: Management Functions – planning, organizing, leading, and controlling.		
	Unit 4: Decision Making and Problem Solving – tools and processes for effective decisions.		
	Unit 5: Leadership and Motivation – theories and applications in engineering management.		
	Unit 6: Communication and Teamwork – interpersonal skills, conflict resolution, and collaboration.		
	Unit 7: Ethics and Social Responsibility – ethical dilemmas and sustainable management.		
	Unit 8: Innovation and Change Management – adapting to change in technical organizations.		
Unit 9: Case Studies and Project Work – real-world examples of management in engineering.			
Learning and Teaching Strategies			



Strategies	• Lectures • Interactive Learning • Group Discussions and Case Studies • Presentations and Reports • Self-Learning and Reflection		
Student Workload (SWL)			
Structured SWL (h/sem)	33	Structured SWL (h/w)	2.2
Unstructured SWL (h/sem)	17	Unstructured SWL (h/w)	1.1
Total SWL (h/sem)	50		

Delivery Plan (Weekly Syllabus)		
المنهاج الاسبوعي النظري		
	Material Covered	Los
Week 1	Introduction to Management: definitions, importance, scope	
Week 2	Evolution of Management Theories	A1.1
Week 3	Management Functions: planning, organizing, leading, controlling	A1.2
Week 4	Planning and Decision Making	A1.2, A1.1
Week 5	Organizing and Delegation	A1.1, B1.1
Week 6	Leadership and Motivation Theories	A1.2, A1.2
Week 7	Midterm Exam	A1
Week 8	Communication in Management	B1.1, B1.2
Week 9	Controlling and Performance Evaluation	A1.1, A1.2
Week 10	Human Resource Management	A1.1
Week 11	Time and Stress Management	B1.2, C1.1
Week 12	Ethics and Corporate Social Responsibility	C1.1, C1.2
Week 13	Innovation and Change Management	A1.1, B1.2
Week 14	Case Studies and Group Presentations	B1.2, C1.2
Week 15	Course Review & Final Exam Preparation	All



Delivery Plan (Weekly Lab. Syllabus)		
المنهاج الاسبوعي للمختبر		
	Material Covered	LOS
Week 1		
Week 2		
Week 3		
Week 4		
Week 5		
Week 6		
Week 7		
Week 8		
Week 9		

Module Evaluation					
تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	10% (10)	5 and 10	A1
	Assignments	2	10% (10)	2, 4,6,8,10 and 12	A1 , B1
	Projects / Lab.	1	10% (10)	14	B1, C1
	Report	1	10% (10)	13	B2
Summative assessment	Midterm Exam	1hr	10% (10)	7	A1
	Final Exam	3hr	50% (50)	15	A1
Total assessment			100% (100 Marks)		



Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	1. Management: A Global and Entrepreneurial Perspective – Harold Koontz & Heinz Weihrich. 2. Principles of Management – Ricky W. Griffin	Yes
Recommended Texts	1. <i>Management Fundamentals: Concepts, Applications, and Skill Development</i> – Robert N. Lussier. 2. <i>Modern Management: Concepts and Skills</i> – Samuel C. Certo & S. Trevis Certo.	NO
Websites	https://eng.alayen.edu.iq/colleges/e/42	

Grading Scheme مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

