

University of Mosul



First Cycle – Bachelor's degree – industrial management



Table of Contents |

1. Mission & Vision Statement
2. Program Specification
3. Program (Objectives) Goals
4. Program Student learning outcomes

5. Academic Staff
6. Credits, Grading and GPA
7. Modules
8. Contact

1. **Mission & Vision Statement**

Vision: To achieve excellence in teaching, scientific research, international publication, and community service, thereby producing highly qualified graduates who meet the demands of the industrial sector.

Mission: To support the strategic objectives of our college and university by focusing on the educational process, scientific research, and community engagement through diverse academic activities. This includes adopting a philosophy of continuous improvement for the quality of the department's educational processes and fostering creative initiatives to achieve high stakeholder satisfaction. Furthermore, we aim to ensure our graduates make significant contributions to the Iraqi industrial sector.

Goals: The Department of Industrial Management is committed to achieving the following goals:

1. **Goal One:** To provide students in the Industrial Management department with diverse, specialized knowledge at the forefront of scientific advancements and to develop their scientific research skills, thereby preparing a new generation of researchers for industrial fields and the broader industrial sector.

2. **Goal Two:** To continuously update the curriculum within the Industrial Management specialization, ensuring alignment with the educational systems approved by the Ministry of Higher Education and Scientific Research and the requirements for the department's program accreditation.
3. **Goal Three:** To establish an infrastructure that supports the practical nature of Industrial Management, including well-equipped laboratories and workshops for hands-on training of students in production, operations, quality management, and manufacturing techniques.
4. **Goal Four:** To actively encourage and support faculty members in the department to pursue higher degrees and achieve academic promotions consistently. This initiative aims to simultaneously advance the department's objectives and the personal career goals of our teaching staff.
5. **Goal Five:** To effectively address community needs by fostering a strong scientific and social integration between the Industrial Management department's efforts and community service demands, primarily through the department's outputs (e.g., student training and graduate employment).

2. **Program Specification**

Programme code:	BSc-IM	ECTS	240
Duration:	4 levels, 8 Semesters	Method of Attendance:	Full Time

Providing students of the Department of Industrial Management with various knowledge related to specialization and within the edges of science and acquiring the skill of scientific research, to prepare a new generation of researchers in the fields of industry and the industrial sector and keep pace with updates in scientific curricula within the competence of industrial management and within the framework of education systems approved by the Ministry of Higher Education and Scientific Research and within the framework of the programmatic accreditation of the department

3. Program Objectives

- 1- -Creating the infrastructure that suits the nature of the industrial management specialization from laboratories and workshops for practical training for students on production techniques, processes, quality and manufacturing.
- 2- - Striving hard by motivating faculty members in the department to obtain higher degrees, and scientific promotions and with a steady increase and in a way that serves the goals of the department on the one hand and the personal goals of the faculty members in the department on the other hand.
- 3- - Responding to the requirements of the community by interlocking the efforts of the Industrial Management Department scientifically and socially with the requirements of community service through the outputs of the department (training - employment).

4. Student Learning Outcomes

Students with a Bachelor's degree in Management information systems are expected to have acquired the following skills:

- 1Briefing the graduate of industrial management with all aspects of the profession of the basics of industrial management
- 2The graduate of industrial management is able to identify the outputs of production processes and the most important inputs and production processes in all factories
- 3- A graduate of the Department of Industrial Management who holds a Bachelor of Science degree in Industrial Management is granted the degree of (Technical Administrative Assistant) and that what corresponds to this title in the lists of owners currently in force in the state departments is (Technical Observer Assistant) in all activities and works in public organizations and business organizations
- 4- Be able to design production processes with high quality
- 5- The graduate of industrial management is able to take note of all aspects of quality and apply it in all industrial institutions
- 6- Able to use the available means in order to support production processes with high efficiency

7- Total quality is one of the most important means that achieve efficiency and effectiveness

Academic Staff

No	Name and Academic Rank	Mobile Number
1.	Assist. Prof. Dr. Raghad Ibrahim Esmaeel	07740856318
2.	Prof. Dr. Moyssar Ibrahim Ahmed	07701815727
3.	Prof. Dr. Thaer Ahmed Saadoon Al-Samman	07701897777
4.	Assist. Prof. Dr. Adil Mohammed Abdullah	0770774085621
5.	Assist. Prof. Dr. Omar Ali Ismail	07740895193
6.	Assist. Prof. Dr. Bassam Muneeb Ali Mohammed	07702012367
7.	Assist. Prof. Dr. Ahmed Talal Ahmed Mohammed	07702022663
8.	Assist. Prof. Dr. Ahmed Hani Mohammed	07740867161
9.	Assist. Prof. Dr. Safwan Yassin Hassan	07701727772
10.	Assist. Prof. Dr. Zahraa Ghazi Dhannoun	07705215706
11.	Assist. Prof. Dr. Abdul-Aziz Bashar Haseeb	07701624441
12.	Assist. Prof. Riad Jameel Wahab	07740856356
13.	Assist. Prof. Mohammed Muneeb Mahmoud	07707488629
14.	Assist. Prof. Bashar Izzaddin Saeed	07740856353
15.	Assist. Prof. Dr. Ali Waleed Hazem Mohammed	07738501813
16.	Assist. Prof. Dr. Amal Sarhan Suleiman	07740856349
17.	Dr. Islam Youssef Sheet	07716980507
18.	Dr. Ghanem Mahmoud Ahmed	07759077868
19.	Lect. Suzan Mahmoud Mohammed	07518562779
20.	Lect. Alaa Abdul-Wahab	07740856586
21.	Lect. Zaid Khalil Ibrahim	07738497119
22.	Assist. Lect. Noor Sabah Issa	07721295611
23.	Assist. Lect. Rayan Mohammed Dhiab	07732849270
24.	Assist. Lect. Bilal Tawfiq Younis	07707424925
25.	Assist. Lect. Omar Saeed Abdullah	07703004347
26.	Assist. Lect. Rana Mohammed Ahmed	07738503056
27.	Assist. Lect. Yasmine Bashar Qasim	07736931190
28.	Assist. Lect. Mawa Rabie Ahmed	07705392072
29.	Assist. Lect. Baidaa Rajab Hussein	077040897653
30.	Assist. Lect. Azal Qusay Saeed	07701617389
31.	Assist. Lect. Shahd Adel (Contract)	07719824086
32.	Shujaa Ali Abed (Evening Program Staff Member)	07717313170
33.	Rania Khaled Hammadi (Staff Member)	07738503056
34.	Dhannoun Ali Ahmed	07700454206

5. Credits, Grading and GPA

Credits

Mosul University is following the Bologna Process with the European Credit Transfer System (ECTS) credit system. The total degree program number of ECTS is 240, 30 ECTS per semester. 1 ECTS is equivalent to 25 hrs student workload, including structured and unstructured workload.

Grading

Before the evaluation, the results are divided into two subgroups: pass and fail. Therefore, the results are independent of the students who failed a course. The grading system is defined as follows:

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:				
Number 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.				

Calculation of the Cumulative Grade Point Average (CGPA)

- The CGPA is calculated by the summation of each module score multiplied by its ECTS, all are divided by the program total ECTS.

CGPA of a 4-year B.Sc. degree:

$$CGPA = [(1^{st} \text{ module score} \times ECTS) + (2^{nd} \text{ module score} \times ECTS) +] / 240$$

6. Curriculum/Modules

Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-1101	Industrial Environmental Management	94	81	175	C	
MIM-1102	Engineering Drawing	96	79	175	C	

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-1103	Principles of Management	77	73	150	S	
MIM-1104	Principles of Economics	80	70	150	S	
UOM1040	Democracy and Human Rights	35	15	50	B	
UOM1011	Arabic Language 1	35	15	50	B	

Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-1205	Industrial Pollution	93	82	175	C	
MIM-1206	Laboratories and Workshops	78	72	150	C	
MIM-1207	Fundamentals of Management	93	57	150	S	
MIM-1208	Principles of Accounting	78	72	150	S	
UOM103	Computer Science 1	48	27	75	B	
UOM102	English Language 1	35	15	50	B	

Semester 3 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-23010	Fundamentals of Production and Operations Management	78	97	175	7.00	C
MIM-23011	Design and Manufacturing Processes	63	87	150	6.00	C
UOM-2032	Fundamentals of Quantitative Methods and SPSS Applications	48	102	150	6.00	B
MIM-23012	Computer Science 2	48	52	100	4.00	S
UOM2022	Human Resources Management	63	62	125	5.00	C
MIM-23010	English Language 2	33	17	50	2.00	S

Semester 4 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-24013	Production and Operations Management	78	97	175	7.00	C
MIM-24014	Advanced Manufacturing	63	112	175	7.00	C
MIM-24015	Principles of Quantitative Methods	63	87	150	6.00	B

	and SPSS Applications					
MIM-24016	Financial Management and Investment	78	72	150	6.00	B
UOM-2050	Ba'ath Regime Crimes in Iraq	33	17	50	2.00	S
UOM2012	Arabic Language 2	33	17	50	2.00	S

Semester 5 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-35018	Industrial Logistics Management	48	77	125	5.00	C
MIM-35019	Products and Services Design	48	77	125	5.00	C
MIM-35020	Industry 5.0 (or Fifth Generation Industry)	33	42	75	3.00	B
MIM-35021	Maintenance Management	63	37	100	4.00	C
MIM-35022	Fundamentals of Operations Research and QSB Applications	48	102	150	6.00	B
MIM-35023	Intermediate Accounting	78	22	100	4.00	B
MIM-35024	Principles of Marketing	48	27	75	3.00	B

Semester 6 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-36025	Computer-Aided Design and Manufacturing (CAD/CAM)	63	62	125	5.00	C
MIM-36026	Metrology and Quality Control Technologies	48	52	100	4.00	C
MIM-36027	Industrial Marketing	48	52	100	4.00	C
MIM-36028	Methods and Ethics of Scientific Research	33	42	75	3.00	S
MIM-36029	Cost Accounting	78	22	100	4.00	B
MIM-36030	Industrial Organization	48	52	100	4.00	C
MIM-36031	Principles of Operations Research and QSB Applications	63	87	150	6.00	B

Semester 7 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-47032	Artificial Intelligence Technologies	48	77	125	5.00	B

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-47033	Fundamentals of Production Planning and Control	63	112	175	7.00	C
MIM-47034	Industrial Information Systems and Computer-Integrated Manufacturing	48	52	100	4.00	B
MIM-47035	Fundamentals of Quality Management	48	102	150	6.00	B
MIM-47036	Fundamentals of Strategic Management	48	52	100	4.00	B
MIM-47037	Industrial Project Management	48	52	100	4.00	B

Semester 8 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
MIM-48038	Work Study and Human Engineering (or <i>Ergonomics</i>)	48	52	100	4.00	C
MIM-48039	Quality Management Applications	63	62	125	5.00	C
MIM-48040	Production Planning and Control	48	127	175	7.00	C
MIM-48041	Industrial Project Evaluation	33	42	75	3.00	C
MIM-48042	Sustainable Project Management	48	77	125	5.00	C
MIM-48043	Strategic Management	48	52	100	4.00	B
MIM-48044	Graduation Project	30	20	50	2.00	S

7. **Contact**

Program Manager:

Assist. Prof. Dr. Raghad Ibrahim Esmaeel: 07740856318

Program Coordinator:

Assist. Lect. Bilal Tawfiq Younis

07707424925