Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program Description Guide Diploma in Industrial Management

جامعة الموصل
كلية الادارة والاقتصاد

قسم الإدارة الصناعية

2025

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

جامعة الموصل
كلية الإدارة والاقتصاد
قسم الإدارة الصناعية

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Academic Program Description Form

University Name: .... **Mosul**

Faculty/Institute: ... **Administration and Economics**

Scientific Department: ..... **Industrial Management**

Academic or Professional Program Name: . **Higher Diploma**

Final Certificate Name: . **Diploma in Industrial Management**

Academic System: ....

Description Preparation Date: 22/5/2025

File Completion Date: 22/5/2025

Signature:

Signature:

Head of Department Name:

Scientific Associate Name:

Raghed ibrahim Esmacel

Alaa Abdul salam

Date: 22/5/2025

Date:

The file is checked by: Zaid khaleel Ibrahim

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Pro.Dr. SINAN ZUHAIR MOHMMED GAMEEL

Dean of College of Administration & Economics

Approval of the Dean

1. Program Vision

Meeting the requirements of the labor market for graduates who hold a high diploma in the field of industrial management, qualified with the cognitive skills that enable them to work in public and private sector institutions efficiently and effectively and contribute effectively to the development of the field of work.

2. Program Mission

Obtaining qualified graduates armed with diverse sciences and knowledge in the field of industrial management, able to work in public and private institutions and having the ability to study, analyze and solve problems related to the field of work.

3. Program Objectives

1. Knowledge enrichment in the field of production and operations.

2. Qualifying capabilities to deal with the field of work in the field of specialization.

3. Providing the student with experience and skills in the field of specialization.

4. Encouraging and motivating the student to generate creative ideas in addressing problems in the field of production and operations.

4. Program Accreditation

5. Other external influences

Ministry of Higher education

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

* This can include notes whether the course is basic or optional.

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First year / first course	AEIM19-501	Production Management	2	
First year / first course	AEIM19-502	Industry marketing	1	
First year / first course	AEIM19-503	Knowledge management	1	
First year / first course	AEIM19-504	Manufacturing systems	1	
First year / first course	AEIM19-505	Maintenance management	1	
First year / first course	AEIM19-506	Readings in industrial management	1	
First year / second course	AEIM19-507	Quality management	2	
First year / second course	AEIM19-508	Work study	2	
First year / second course	AEIM19-509	Quantities methods	1	

First year / second course	AEIM19-5010	Environmental management	1	
First year / second course	AEIM19-5011	Scientific research methods	1	

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

9. Teaching and Learning Strategies

Teaching strategies: lecture, discussion, problem solving, project-based learning, cooperative learning, brainstorming, discovery learning, and e-learning.

Learning strategies: spaced practice, studying, inferring, exchanging ideas, providing examples, and double coding.

10. Evaluation methods

Exams, assignments, daily assignments, discussions, end-of-course reports, master's thesis..

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

13. The most important sources of information about the program

State briefly the sources of information about the program.

14. Program Development Plan

Program Skills Outline

Required program Learning outcomes

Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program Description Guide Diploma in Quality Management

جامعة الموصل
كلية الإدارة والاقتصاد
قسم الإدارة الصناعية

2025

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

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جامعة الموصل
كلية الإدارة والاقتصاد
قسم الإدارة الصناعية

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Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: **Mosul**

Faculty/Institute: **Administration and Economics**

Scientific Department: **Industrial Management**

Academic or Professional Program Name: .... **Higher Diploma**

Final Certificate Name: .. **Quality Management Diploma**

  Academic System: ....

  Description Preparation Date:

  File Completion Date:

Signature: *[signature]*

Head of Department Name:

Raghed ibrahim Esmaeel

Date:

Signature: *[signature]*

Scientific Associate Name:

Alaa Abdal salam

Date:

file is checked by: *Zaid Khalaad Ibrahim*

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature: *[signature]*

Approval of the Dean

Pro.Dr. SINAN ZUHAIR MOHMMED GAMEEL
Dean of College of Administration & Economics

5. Other external influences

Government / ministry of higher education

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

* This can include notes whether the course is basic or optional.

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First year / first course	AEIMQ24-501	Prizes of Quality & ISO	2	
	AEIMQ24-502	Accounting of Quality cost	1	
	AEIMQ24-503	Approaches of Quality Strategies	2	
	AEIMQ24-504	TQM	1	
	AEIMQ24-505	Readings in Quality management	1	
First year / second course	AEIMQ24-506	Tools Of Continues Improvement	2	
	AEIMQ24-507	Work teams & Quality Circles	1	
	AEIMQ24-508	ISO & Accreditation	2	
	AEIMQ24-509	Statistical Methods Implications	1	
	AEIMQ24-510	Methods of scientific researches	1	

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

9. Teaching and Learning Strategies

Teaching strategies: lecture, discussion, problem solving, project–based learning, cooperative learning, brainstorming, discovery learning, and e–learning.

Learning strategies: spaced practice, studying, inferring, exchanging ideas, providing examples, and double coding.

10. Evaluation methods

Implemented at all stages of the program in general.

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer

Professional Development

Mentoring new faculty members

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Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

13. The most important sources of information about the program

State briefly the sources of information about the program.

14. Program Development Plan

Program Skills Outline

Required program Learning outcomes

Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

جامعة الموصل
كلية الإدارة والاقتصاد
قسم الإدارة الصناعية

Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program Description Guide MASTER

جامعة الموصل
كلية الإدارة والاقتصاد
قسم الإدارة الصناعية

2025

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

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In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

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Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

2

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: ...... Mosul..........

Faculty/Institute: .... **Management and Economics**..

Scientific Department: .. **Industrial Management**

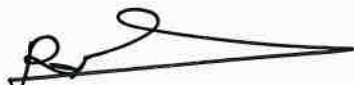Academic or Professional Program Name: **MASTER**

Final Certificate Name: . **MASTER**.....

Academic System: ....

Description Preparation Date: 22/ 5/2o 25

File Completion Date: 22/5/2025

Signature:

Head of Department Name:
Raghed ibrahim Esmaeel
Date:

Signature:

Scientific Associate Name:
Alaa Abdal salam
Date:

The file is checked by: Zaid khaleel Ibrahim

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Pro.Dr. SINAN ZUHAIR MOHMMED GAMEEL
Dean of College of Administration & Economics

Approval of the Dean

3

1. Program Vision

Responding to changes in the labor market on an ongoing basis in order to provide labor market requirements for master's degree holders that meet the needs of the labor market and achieve the goals and ambitions of production and service institutions.

2. Program Mission

Outputs that have diverse academic abilities and the ability to work skillfully and deal with various problems in the work environment positively and find creative solutions in addressing problems in the field of work.

3. Program Objectives

1. Providing the student with analytical skills by reviewing theoretical frameworks.
2. Establishing a culture of scientific research according to a scientific sequence.
3. Building cognitive capabilities to deal with problems related to specialization.

4. Program Accreditation

AACSB

5. Other external influences

Ministry of higher education & scientific research

5. Other external influences

Ministry of higher education & scientific research

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

* This can include notes whether the course is basic or optional.

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First year / First course	AEIM24-601	Quality management	3	
First year / First course	AEIM24-602	Readings in industrial management	3	
First year / First course	AEIM24-603	Emergency Management and Crisis Management	3	
First year / First course	AEIM24-604	Computer skills	1	
First year / First course	AEIM24-605	Advanced statistic	1	
First year / First course	AEIM24-606	Ethics of scientific research	1	
First year / Second course	AEIM24-607	Contemporary manufacturing systems	3	

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First year / Second course	AEIM24-608	Production management	3	
First year / Second course	AEIM24-608	Industries logistic manag.		
First year / Second course	AEIM24-609	Industries marketing	1	
First year / Second course	AEIM24-6010	Maintenance manag.	1	
First year / Second course	AEIM24-6011	Inventory control	1	
First year / Second course	AEIM24-6012	Work study & Ergonomics	1	
First year / Second course	AEIM24-6013	Knowledge management	1	
Second year / thesis				

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

9. Teaching and Learning Strategies

Teaching strategies: lecture and recitation, discussion, problem solving, project-based learning, cooperative learning, brainstorming, discovery learning, and e-learning.

Learning strategies: spaced practice, studying, inferring, exchanging ideas, providing examples, and double coding.

10. Evaluation methods

Exams, assignments, daily assignments, discussions, end-of-course reports, master's thesis.

جامعة المـ
كلية الإدارة والاقتصاد
قسم الإدارة الصناعية

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
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Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

13. The most important sources of information about the program

State briefly the sources of information about the program.

جامعة الموصل
كلية الادارة والاقتصاد
قسم الادارة الصناعية

14.	Program Development Plan

Program Skills Outline

Year/Level	Course Code	Course Name	Basic or optional	Required program Learning outcomes											
				Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department

Academic Program Description Guide Doctorate

2025

Introduction:

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قسم الإدارة الصناعية

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جامعة الموصل
كلية الإدارة والاقتصاد
قسم الإدارة الصناعية

2

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: ..... Mosul...........

Faculty/Institute: **Management and Economics**

Scientific Department:. **Industrial Management**

Academic or Professional Program Name: . Doctorat...........

Final Certificate Name: ..... Doctorate.........

Academic System: ....

Description Preparation Date: 22/5/2025

File Completion Date: 22/5/2025

Signature:

Head of Department Name:
Raghed iLrahim Esmacel
Date: 22/5/2025

Signature:

Scientific Associate Name:
Alaa Abdul salam
Date:

The file is checked by: Zaid kaleel Ibrahim

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Pro.Dr. SINAN ZUHAIR MOHMMED GAMEEL
Dean of College of Administration & Economics
Approval of the Dean

3

1. Program Vision

In response to developments and changes in the labor market and working to provide academics with high scientific abilities and skills that meet the requirements of the labor market and raise the scientific level of educational institutions in the public and private sectors.

2. Program Mission

Providing scientific cadres with specializations capable of keeping pace with developments in the field of higher education and actively contributing to solving practical problems in the practical field.

3. Program Objectives

1. Knowledge enrichment in the field of specialization.
2. Building analytical capabilities to interact with and address problems.
3. Encouraging and motivating the student to generate creative ideas in addressing problems in the field of production and operations.

4. Program Accreditation

ACSB

5. Other external influences

Ministry of Higher Education

6. Program Structure

5. Other external influences

Ministry of Higher Education

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

* This can include notes whether the course is basic or optional.

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First year / first course	AEIM24-701	Production management	3	
	AEIM24-702	Advanced manufacturing systems	3	
	AEIM24-703	Environmental Management	3	
	AEIM24-704	Marketing techniques	3	
	AEIM24-705	Crisis and emergency management	3	
	AEIM24-706	Industries logistics management	3	
First year / second course	AEIM24-707	Quality management Systems	3	

	AEIM24-708	Qualitative methods	3	
	AEIM24-709	Technologies Management	3	
	AEIM24-7010	Specialized research circle	3	
	AEIM24-7011	Maintenance management	3	
	AEIM24-7012	Statistical analysis	3	

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

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Teaching strategies: lecture, discussion, problem solving, project-based learning, cooperative learning, brainstorming, discovery learning, and e-learning.

Learning strategies: spaced practice, studying, inferring, exchanging ideas, providing examples, and double coding.

10. Evaluation methods

Exams, assignments, daily assignments, discussions, end-of-course reports, master's thesis.

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Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
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Program Skills Outline

Required program Learning outcomes

Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.