

*Republic of Iraq  
Ministry of Higher Education & Scientific Research  
Supervision and Scientific Evaluation Directorate  
Quality Assurance and Academic Accreditation  
International Accreditation Dept.*

## *Academic Program Specification Form For The Academic*

*University: Baghdad  
College : Al-Khawarizmi College of Engineering  
Number Of Departments In The College : Automated Manufacturing Engineering  
Date Of Form Completion : 2021*

*Dean's Name*

*Date : / /*

*Signature*

*Dean's Assistant For  
Scientific Affairs*

*Date : / /*

*Signature*

*The College Quality Assurance  
And University Performance  
Manager*

*Date : / /*

*Signature*

*Quality Assurance And University Performance Manager*

*Date : / /*

*Signature*



10. Learning Outcomes, Teaching, Learning and Assessment Methods

A- Knowledge and Understanding

B- Subject-specific skills

Teaching and Learning Methods

Through directed seminar presentation, reports, problem solving / case studies, end of module seen and unseen examinations and dissertation work. Case studies and / or project based scenarios emphasis is placed upon justification and consideration of practical implementation of solutions

Assessment methods

C- Thinking Skills

Teaching and Learning Methods

Skills developed through lectures, examples, that will enable students to acquire , design and implement the different design

Assessment methods

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D. General and Transferable Skills (other skills relevant to employability and personal development)

Teaching and Learning Methods

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Assessment Methods

*Assessment Methods to be used are:*

- Written examinations (Summative assessment);
- Oral presentations of individual and group work;
- Individual written project report(s) of both individual and group projects;
- Homework;
- Take home exams;
- Practical skills will be assessed through laboratory experiments, write-ups, coursework reports, project reports and presentations;
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11. Programme Structure

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
				Bachelor Degree Requires ( x ) credits

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### 13. Personal Development Planning

Personal Development Planning is developed across the degree, it is an integral part of the automated manufacturing Engineering Department, it is delivered and monitored through the personal tutor system. In specific modules the student will be encouraged to review and reflect upon progression and develop an awareness of the personal and professional needs, to reflect and develop skills relevant to the role of the automated manufacturing engineer. Academic skills alone are clearly insufficient to meet the demands of the automated manufacturing engineer. The development of additional interpersonal qualities is essential to enable students to initiate, direct and control events effectively. To help students develop these skills, many of the tutorial activities and assignment work will provide them with the opportunity for practical project work, the development of problem solving skills and discussion and critical appraisal. Students are required to make oral presentations at intervals throughout their course.

### 14. Admission criteria .

Applicants will normally be required to have passed the Baccalaureate Examination of the Secondary School / Scientific Branch according to the regulations stated by the Ministry of Higher Education and Scientific Research.

### 15. Key sources of information about the programme

Ministry of Higher Education and Scientific Research

[www.en.mohe.sr.gov.iq](http://www.en.mohe.sr.gov.iq)

University of Baghdad

[www.en.uobaghdad.edu.iq](http://www.en.uobaghdad.edu.iq)

Al-Khwarizmi College of Engineering

[www.kecbu.uobaghdad.edu.iq](http://www.kecbu.uobaghdad.edu.iq)





9. Learning Outcomes, Teaching ,Learning and Assessment Methode

D- Cognitive goals .

- A1.
- A2.
- A3.
- A4.
- A5.
- A6 .

B. The skills goals special to the course.

- B1.
- B2.
- B3.

Teaching and Learning Methods

Assessment methods

C. Affective and value goals

- C1.
- C2.
- C3.
- C4.

Teaching and Learning Methods

- Question and answer sessions during lectures or staff Office Hours;
- Guided reading of texts, journal articles etc., for individual and group projects

Assessment methods



D. General and rehabilitative transferred skills (other skills relevant to employability and personal development)

- D1.
- D2.
- D3.
- D4.

### 10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2		Technical writing	Lecture	Varying methods of assessments
2	2		Clear and accurate writing on themes of common and technical English	Lecture	Varying methods of assessments
3	2		Theme discussion	Lecture	Varying methods of assessments
4	2		Theme discussion	Lecture	Varying methods of assessments
5	2		Beginning of essay	Lecture	Varying methods of assessments
6	2		Beginning of essay	Lecture	Varying methods of assessments
7	2		Theme development	Lecture	Varying methods of assessments
8	2		Theme development	Lecture	Varying methods of assessments
9	2		Logical and effective conclusion	Lecture	Varying methods of assessments
10	2		Professional letter writing	Lecture	Varying methods of assessments

### 11. Infrastructure

1. Books Required reading:	Introduction to Academic Writing. - Headway
2. Main references (sources)	
A- Recommended books and references (scientific journals, reports...).	
B-Electronic references, Internet sites...	

12. The development of the curriculum plan