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

Academic Program Specification Form For The Academic

Universitiy:
College :
Department :
Date Of Form Completion :

Dean's Name

Date : / /

Signature

Dean's Assistant For Scientific Affairs

Date : / /
Signature

Head of Department
Date : / /
Signature

Quality Assurance And University Performance Manager
Date : / /
Signature

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Programme Specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the programme.

1. Teaching Institution	
2. University Department/Centre	
3. Programme Title	
4. Title of Final Award	
5. Modes of Attendance offered	
6. Accreditation	
7. Other external influences	
8. Date of production/revision of this specification	
9. Aims of the Programme	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
A. Knowledge and Understanding A1. A2. A3. A4. A5. A6.
B. Subject-specific skills B1. B2. B3.
Teaching and Learning Methods
Assessment methods
C. Thinking Skills C1. C2. C3. C4.
Teaching and Learning Methods
Assessment methods

D. General and Transferable Skills (other skills relevant to employability and personal development)
D1.
D2.
D3.
D4.

Teaching and Learning Methods

Assessment Methods

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

13. Personal Development Planning
14. Admission criteria .
15. Key sources of information about the programme

Curriculum Skills Map																			
please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed																			
				Programme Learning Outcomes															
Year / Level	Course Code	Course Title	Core (C) Title or Option (O)	Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills (or) Other skills relevant to employability and personal development			
				A1	**A2**	**A3**	**A4**	**B1**	**B2**	**B3**	**B4**	**C1**	**C2**	**C3**	**C4**	**D1**	**D2**	**D3**	**D4**

TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This course aims to show the importance of studying the bodies of cars in the process of life and the use of devices and equipment in the field of applied.

1. Teaching Institution	Middle Technical university
2. University Department/Centre	Technical institute/kut
3. Course title/code	Bodies of cars
4. Programme(s) to which it contributes	Department
5. Modes of Attendance offered	Attend mandatory weekly
6. Semester/Year	2016/2017
7. Number of hours tuition (total)	1theory+2 practical*30weeks=90 hours faculty
8. Date of production/revision of this specification	13/11/2016
9. Aims of the Course	
1-study the history of the auto industry and the historical development of the design and development.	
2- Clarify the basic concepts of engineering theory related to the subject of bodies of cars.	
3- Study the basic operation of the concept of Ebdane, concepts and shape of the outer cars and how to manufacture the outer shape with all the final acts of the hull and the multiple formats so.	
4- linking theory with engineering concepts linked with the practical side.	
5- The student acquires all Applied process concepts using materials and devices and how to use them.	

10· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding

A1. Recognize basic engineering concepts for automobile bodies and accessories
A2. He trains students and apply the concepts taught in theory.
A3. The student is practicing the skills required
A4.
A5.
A6 .

B. Subject-specific skills

B1. The student acquires the skill applied to parts of the car body
B2. The student acquires practical skill in welding link types and kinds and Tri and the difference between them.
B3. The student acquires practical skill in plumbing and dye and repair faults
B4. Students on the types of glass and disadvantages.

Teaching and Learning Methods

1- Teaching is a lecture theory.
2- Teaching and training the technical student in chilling required skills workshop.
3- Display models and scientific films for automotive bodies

Assessment methods

1- Participate by asking questions and discussion within the theoretical lesson.
2- Staying on the applied process participation in the workshop.

C. Thinking Skills

C1. Thinking about the technical problem solving
C2. Motivate students to become skilled repairs.
C3. The ability to absorb information and developed
C4.

Teaching and Learning Methods

1- Method of discussion and debate.
2- Instruct the student to carry out research and projects and participate in science fairs.

Assessment methods
Quarterly and final written tests -1 2- Practical tests.

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

D1. Develop the student's ability to solve technical problems

D2. Urge the student to acquire and develop artistic skill

D3. Transfer of theoretical knowledge and practical application and try to compare the practical side

D4.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	1Theoretic+ 2workable	The student understand the lesson	About the development of the automotive industry	Lecture Theory + practical application	Discussion and identify practical
2	=	=	About the manufacture of hull and chassis and learn different designs for Ibadan and automotive structures	=	=
3-4	=	=	Engineering materials used in the manufacture of car body structure and iron and non-ferrous materials	=	=
5	=	=	Properties of engineering materials physico-mechanical properties-portability crushing-mechanical tests	=	=
6	=	=	Simple stress-strain	=	=
7	=	=	Direct or vertical stress – direct emotion	=	=

8	=	=	Flexible materials-Hooke	=	=
9	=	=	Flexibility coefficient-coefficient yonk	=	=
10	=	=	Tensile stress-strain diagram experiment	=	=
11	=	=	Resolved issues relatively simple	=	=
12	=	=	Electric arc welding-arc welding	=	=
13	=	=	Electric resistance welding-welding point	=	=
18-19	=	=	Gas welding-heating sources-oxyacetylene equipment-oxyacetylene torch-types of torches	=	=
16	=	=	Link to Tri-weltnakbi alrbetaltrakbi types find tensile strength in tri-screw resolved issues	=	=
17	=	=	Comparison of welding connectivity and tri advantages and disadvantages	=	=

18-19	=	=	Robot-human-robot features – different uses of auto industry	=	=
21-22	=	=	Formation-formation and cold roads-road operations species composition on the hot-types	=	=
22	=	=	Study designs for chassis	=	=
23	=	=	Corrosion and the effects of atmospheric factors and other factors on the hull of a car.	=	=
24	=	=	Car paint-creating body and parts to be painted and cleaned, corroded and affected parts clearance	=	=
25	=	=	Phosphorylation and basic dye work Putty and refinement	=	=
26	=	=	Basic dyes-types-ways mixing colors – colors match as tables	=	=
27	=	=	Dye method in production plants	=	=

28	=	=	The final finishing and polishing operations	=	=
29	=	=	Paint problems-diagnosis-treatment-causes	=	=
30	=	=	Auto glass-types-repairs and installation of glass front and back and side	=	=

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	1. auto parts technology/ Dr . Sami Mohsen milium- Saadoun al-Fahd inside -hakm Abdul Khaliq Abbas, technical institutes 2- Institute Library for additional sources of curriculum
Special requirements (include for example workshops, periodicals, IT software, websites)	1-resistant materials / sinker and Patel translation Khazaal Mahmoud Yassin, Salahaddin University, College of Engineering, 1981 2-Manufacturing / d. Ways Aref Abu Safiya, d. Abdul Razak Ismail Khader, technological university, 1982 3-bodies of cars technique a second phase project book / full Maher Anwar 4-Strength of Materials / d. Muhammad Wajih smog, Publishing Arab 0.1984
Community-based facilities (include for example, guest Lectures , internship , field studies)	All scientific journals related to the concept of car bodies

13. Admissions	
Pre-requisites	Keep up with the evolution in terms of structure and modern cars and sophisticated devices hull
Minimum number of students	60 Students
Maximum number of students	60 Students

Khalid- Abdul-Hussein-Hafedh
Lecturer of subject

Sha'alan Ghannam Aflug
Head of .Dep.