**Ministry of Higher Education and Scientific Research**

**Supervision and Scientific Evaluation Body**

**Quality Assurance and Academic Accreditation Office**

**Course Description Sample**

**Subject: Fundamental of Electrical Engineering**

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| 1. Educational Institution | Shatt Al Arab University College |
| 2. Department / Center | Medical Instrumentation Engineering Techniques. |
| 3. Course Title /Code | Fundamental of Electrical Engineering/ MIET1101 |
| 4. Lecturer Name | Dr. Abduljabbar H. Hamadi |
| 5. Type of Teaching | Theary – Lab – Tutorial |
| 6. Academic Year /Term | 2023/2024 |
| 7. Total No. of Teaching Hours | 75 |
| 8. Date f Preparing this Course Description | 22/11/2023 |

9. **Course Objectives**

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| To understand Electric Units and D-C theorems. |
| To understand Voltage, Current and Power . |
| To learn D-C Circuits connections. |
| To explain D-C Circuits. |
| To know Laws and theorems of D-C and applications. |
| To understand independent and dependent sources. |
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10. **Course Output, Methodology and Evaluation**

(A) **Cognitive Objectives**

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(B) **Skill Objectives Related to the Program**:

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**Methods of Teaching and Learning**

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**Methods of Evaluation**

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| **Number calendar element degree** |

(C) **Sentimental and Value Objectives**

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**Methods of Teaching and Learning**

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**Methods of Evaluation**

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D) **General and Qualitative Skills (other skills related to the ability of employment and personal development)**

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11. **Course Structure**

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| **Week** | **No of Hours** | **Required Learning Output** | **Title of Subject** | **Teaching Method** | **Evaluation** |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 7 |  |  |  |  |  |

12.**Infrastructure**

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| a. Textbooks |  |
| b. References | 1. Electrical Technology B.L Theraja  2. Electric Circuit , Schaums outline Series |
| c. Recommended books and periodicals (journals, reports, etc.) |  |
| d. Electronic references, internet websites, etc | Google |

13. **The Plan of Improving the Course**

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