**Ministry of Higher Education and Scientific Research**

**Supervision and Scientific Evaluation Body**

**Quality Assurance and Academic Accreditation Office**

**Course Description Sample**

**Subject: Fundamental of Communication**

|  |
| --- |

| 1. Educational Institution | Shatt Al Arab University |
| --- | --- |
| 2. Department / Center | Computer Engineering Techniques. |
| 3. Course Title /Code |  Fundamental of Communication/ CET1205 |
| 4. Lecturer Name | Esam khaleel Ibrahim |
| 5. Type of Teaching | Theary – Lab – Tutorial  |
| 6. Academic Year /Term | 2024/2025 |
| 7. Total No. of Teaching Hours | 75 |
| 8. Date f Preparing this Course Description | 16/9/2024 |

9. **Course Objectives**

| To understand Communication principles |
| --- |
| To understand signal . |
| To learn types and classification of signal. |
| To explain Energy and power of asignal. |
| To know Furiour series.  |
| To understand types of filters.  |
|  |

10. **Course Output, Methodology and Evaluation**

 (A) **Cognitive Objectives**

|  |
| --- |

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

|  |
| --- |

**Methods of Teaching and Learning**

|  |
| --- |

**Methods of Evaluation**

| **Number calendar element degree** |
| --- |

 (C) **Sentimental and Value Objectives**

|  |
| --- |

**Methods of Teaching and Learning**

|  |
| --- |

**Methods of Evaluation**

|  |
| --- |

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

|  |
| --- |

11. **Course Structure**

| **Week** | **No of Hours** | **Required Learning Output** | **Title of Subject** | **Teaching Method** | **Evaluation** |
| --- | --- | --- | --- | --- | --- |
| 1 | 4 | Introduction |  |  |  |
| 2 |  | Binary signal |  |  |  |
| 3 |  | Types of conteous time signal |  |  |  |
| 4 |  | Classification of signal |  |  |  |
| 5 |  | Energy and power |  |  |  |
| 6 |  | Fourier series |  |  |  |
| 7 |  | Filters |  |  |  |

12.**Infrastructure**

| a. Textbooks |  |
| --- | --- |
| b. References |  Principles of Communication systems By: Chitode |
| c. Recommended books and periodicals (journals, reports, etc.) |  |
| d. Electronic references, internet websites, etc | Google  |

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

|  |
| --- |