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***German Jordanian University***

*Department of Communication Engineering*

*Electronics I LAB.* *syllabus*

*ECE 2410*

***Experiments List:***

|  |  |
| --- | --- |
| Experiment | week |
| Introduction to lab equipment’s | 1 |
| Diode Characteristic | 2 |
| Half-Wave , Full-Wave Rectifiers | 3 |
| Diode Clipper, Clamper, Multiplier | 4 |
| Z-Diode Applications & Power Supply | 5 |
| The Bipolar Junction Transistor (BJT) Characteristics & DC Operation | 6 |
| Optical Diodes and BJT Transistors | 7 |
| The Bipolar Junction Transistor (BJT) DC Bias Stabilization | 8 |
| The Bipolar Junction Transistor (BJT) AC Amplifier | 9 |
| Operational Amplifiers Characteristics | 10 |
| Junction FETs | 11 |

***Grading policy:-***

|  |  |
| --- | --- |
| 10% | Pre lab. |
| 20% | Post lab. |
| 10% | Quizzes |
| 20% | Midterm exam |
| 40% | Final exam |

**Lab. Doctor :**

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