Course Title: Electronics-1 Lab                           (650228)
Prerequisite: Electronics-1                                        (650221)
Text Book: lab Manual for Electronics-1
Credit Hours: 1         Level  2nd Year

Course Goals:
To deal with integrated circuit boards, electronic equipments, ICs, and their implementations in practical designs.

Time Schedule:
Duration: 14 weeks  
Lectures: None
Tutorial: None  
Laboratories: 3 hours / week

Objectives:
At Completing this module the student should be able to:
- Understand the characteristics of diodes, and their applications.
- Understand the operation of BJT, FET, and their use as amplifier.

Course Outline:
Experiment No.1    :    Diode Characteristics
Experiment No.2    :    Diode Rectifier Circuits
Experiment No.3    :    Diode Limiter & Clamper
Experiment No.4    :    Zener Diode & Voltage Regulator
Experiment No.5    :    Transistor Characteristic Curve
Experiment No.6    :    Common Emitter Amplifier
Experiment No.7    :    Common Collector and Common Base Amplifiers
Experiment No.8    :    JFET Characteristics
Experiment No.9    :    Common Source Amplifier
Experiment No.10  :    Common Drain Amplifier

Mode of Assessment
Reports                          20 %
Quizes & Participation               30%
Final Exam   50%

References: