Master Syllabus

EET 1164 - PC Assembly

Division: Science, Mathematics and Engineering

Department: Electronics Engineering Technology

Credit Hour Total: 4.0   **Lecture Hrs:** 3.0 **Lab Hrs:** 3.0

Date Revised: October 2012

Course Description:

Course is an introduction to internal and external PC hardware components. Students learn to identify and install major hardware components. Perform PC setup and basic input/output system. Three classroom, three lab hours per week.

General Education Outcomes:

- Oral Communication Competency
- Written Communication Competency
- Critical Thinking/Problem Solving Competency
- Computer Literacy Competency
- Information Literacy Competency
- Values/Citizenship/Community Competency

Course Outcomes:

Computer components and input/output devices
Identify and understand function of PC internal and external components.

   Assessment Method: Locally developed exams
   Performance Criteria: Score 70% or higher

   Assessment Method: Performance appraisals
   Performance Criteria: Score "17.5" or higher on five by five rubric

   Assessment Method: Portfolios
   Performance Criteria: Score "17.5" or higher on five by five rubric

Technical environment communication
Communicate technical information effectively through presentations and written reports.

   Assessment Method: Performance appraisals
   Performance Criteria: Score "17.5" or higher on five by five rubric

Installation
Identify and install computer components and input/output devices.

   Assessment Method: Performance appraisals
   Performance Criteria: Score "17.5" or higher on five by five rubric

Outline:

PC Safety
Preventive Maintenance
Internal/external computer components
Input and output devices
Sources of replacement components
Concept mapping
Use of course portfolios
PC setup
Basic input/output system