

## 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

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### 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