

LSC Use Only  
Number: \_\_\_\_\_

UWUCC Use Only  
Number: 92-47

University-Wide Undergraduate Curriculum Committee

I. Title/Author of Change

Course/Program Title: PY 476 Physics of Semiconductor Devices II

Suggested 20 Character Course Title: SEMICONDUCTR DEV II

Department: Physics

Contact Person: V. Wijekumar and R. Roberts

If a course is being proposed for

## Part II. Description of the Curriculum Change

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### 1. Catalog Description

#### **PY 476 Physics of Semiconductor Devices II**

3c-01-3sh

**Prerequisites: PY 475 or permission of instructor**

**This course discusses the physics and operation of a number of discrete devices. These include bipolar transistors, MOSFETS, JFETS, various diode technologies, photovoltaic and photoconductive devices, solid state lasers, and light-emitting diodes.**

2. A listing of the proposed change giving the old course or catalog description and

The Physics Department wishes to place the following proposal before the College Wide Curriculum Committee (and ultimately the University Wide Undergraduate Curriculum Committee) for approval and inclusion in the undergraduate catalog in a timely manner.

a) The catalog course description of PY 476 has been modified slightly. The term "CCDs" has been eliminated from the course description.

b) Old Course or Catalog Description

**PY 476 Physics of Semiconductor Devices II**

**3c-01-3sh**

Prerequisites: PY 475 or permission of instructor

This course discusses the physics and operation of a number of discrete devices. These include bipolar transistors, MOSFETS, JFETS, CCDs, various diode technologies, photovoltaic and photoconductive devices, solid state lasers, and light emitting diodes.

