

# Prct 363: Pharmacy, Microcontrollers & the Interne

It is predicted that by 2020 over 50 billion objects embedded with electronics, software sensors, and network connectivity will be communicating with each other in an "Internet of Things." This course explores the ways in which pharmacy will be part of this system. Students will construct demonstration projects using the Arduino microcontroller platform. No prior knowledge of electronics, programming, or networking is required.

#### 1 Credit Prerequisites

Pre-requisite: Pharmacy PY1 or PY2

## Instruction Type(s)

Lecture: Lecture for Prct 363

## **Subject Areas**

Pharmaceutical Sciences

#### **Related Areas**

- <u>Clinical and Industrial Drug Development (MS, PhD)</u>
- Industrial and Physical Pharmacy and Cosmetic Sciences (MS, PhD)
- Medicinal and Pharmaceutical Chemistry
- Natural Products Chemistry and Pharmacognosy (MS, PhD)
- Pharmaceutical Marketing and Management
- Pharmaceutics and Drug Design (MS, PhD)
- Pharmacoeconomics/Pharmaceutical Economics (MS, PhD)
- Pharmacy (PharmD USA PharmD, BS/BPharm Canada)
- Pharmacy Administration and Pharmacy Policy and Regulatory Affairs (MS, PhD)
- Pharmacy, Pharmaceutical Sciences, and Administration, Other

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

