

## Csci 458: Mobile Application Development

### COMPUTER & INFORMATION SCIENCE

This course introduces the design and development of cross-platform mobile applications, focusing on effective design for mobile and desktop browsers and conversion to native applications for common mobile devices, such as Android and iOS. Topics include user interface design, event handling, application programming interfaces (APIs) for accessing hardware components (e.g., GPS, camera, accelerometer), and developing for restricted resources, such as power, memory, and network speed.

3 Credits

#### **Prerequisites**

- Pre-Requisite: 24 Earned Hours
- Csci 211 or Csci 343

#### **Instruction Type(s)**

- Lecture: Lecture for Csci 458

#### **Subject Areas**

- [Computer Science](#)

