

Computer Science & Engineering

NEW FALL 2017 COURSE ANNOUNCEMENT

CSC 496/896 Graphical User Interface Programming

Tuesdays & Thursdays, 9:30–10:45 am, 119 Avery Hall
Section 004, 3 credit hours

Design and implementation of modern object-oriented graphical user interfaces (GUIs). Design methodologies, including model-view-controller patterns. Implementation, including events, listeners, handlers, layout, controls, properties, bindings, lambda abstraction, concurrency, styling, drawing, and media. Tools, including layout manager software.

This semester, the course will use JavaFX 8, Oracle's software platform for desktop applications and rich Internet applications (RIAs). JavaFX offers a large set of graphics and media packages for GUI programming. JavaFX 8 is intended to replace Swing as Java's standard GUI library.

