

## **CS 5405 Java, Graphical User Interfaces and Visualization**

**Pre-requisites: CS2500, strong background in C++**

### **Java, GUI and Visualization**

**Prerequisites:** Data structures II – CS2500 or equivalent

**This course emphasis on fundamentals for:**

Topics in JavaFX GUI  
Do Chapters 14, 15,16, 30,31  
Applications  
GUI Components  
Button, CheckBox, RadioButton, ComboBox, List,  
More GUI Components Slider, Menus, popup menus  
Multimedia Audio, Images  
MultiTasking(32),  
Networking (optional)  
Mouse, Graphics & 2D Java

All javaFX 8 and upwards as available