ECE 2160: C++ Algorithms & Data Struct

C++ classes access rules, inheritance, friends, abstract classes, templates, passing parameters by value, by reference, polymorphism in functions and operators, static and dynamic binding, searching, sorting; pointer implementation of lists, stacks, queues, trees, analysis of algorithms; P, NP, Undecidable problems.

**Credits:** 3.0  
**Prerequisites:**  
ECE 1260  
ECE 1261  
ECE 1260 and ECE 1261  
**Co-Requisites:**  
ECE 2161  
ECE 2161  
**Program:** Electrical and Computer Engineering