

ECE 1574

Preliminaries

Welcome

Me-

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Logistics

<http://filebox.vt.edu/users/dmcpthers/courses/ece1574/fall13/index.html>

SWEL

Objectives

Having successfully completed this course, the student will be able to:

- Write complete C++ programs to solve engineering problems
- Use high-quality programming standards to develop C++ programs to solve engineering problems
- Apply successful debugging strategies in a software development process while developing programs of several hundreds lines in length

Objectives - continued

- Define and use the concepts of data types, arrays, pointers, and stream and file I/O
- Use dynamic memory management, library functions, user-defined functions, and simple classes to solve engineering problems in C++