

# CPET 107C : Introduction to Programming with C++

Introduces the student to program design using the language C++. No prior knowledge of programming is assumed. Focuses on effective structured design of code with variables, decisions, loops, functions, arrays, and introduction of pointers. Use of professional programming design approaches and coding style will be used in lab assignments. Completion of this course provides the programming design skills to continue on with the study of the language C++ or other computer languages.

**Credits** 3

**Lab/Practicum/Clinical Hours** 3

**Lecture Hours** 2

**Prerequisites**

Students must earn a grade of C- or higher in each CPET and ELET course listed as a prerequisite to a subsequent CPET course.

**Co-Requisite Courses**

Mathematics elective (MATH 124C or higher level)

**Corequisites**

Permission of the department chair