

COMP SCI & COMP ENGR (CSCE)

CSCE 101 - Introduction to Computer Concepts (3 Credits)

History, application, and social impact of computers; problem-solving, algorithm development, applications software, and programming in a procedural language.

Carolina Core: ARP

CSCE 102 - General Applications Programming (3 Credits)

Introduction to systematic computer problem-solving and programming for a variety of applications.

Carolina Core: ARP

CSCE 145 - Algorithmic Design I (4 Credits)

Problem-solving, algorithmic design, and programming. Three lectures and two laboratory hours per week.

Prerequisite or Corequisite: MATH 111 or MATH 115.

Carolina Core: ARP

CSCE 146 - Algorithmic Design II (4 Credits)

Continuation of CSCE 145. Rigorous development of algorithms and computer programs; elementary data structures. Three lecture hours and two laboratory hours per week.

Prerequisites: C or better in CSCE 145; C or better in MATH 111 or higher (or by Math Placement Test score into MATH 115 or higher math).