

**Course:**

**CMPSC 040 Program Design**

**4 hours**

**Majors, Minors & Degrees:**

**Majors**

Mathematics (B.A., B.S.)

**Departments/Programs:**

Physics, Astronomy, and Computer Science

A disciplined approach to the development of programs to solve problems on a computer. Topics include data types, control structures, abstraction, and software development. A lab component introduces a high-level programming language and software tools.

*Corequisite(s): CMPSC 030 Introduction to Computational Problem Solving or permission of the instructor.*

(Normally offered each semester.)