

COMP - COMPUTER SCIENCE

COMP 100 Topics in Comp Prog. 3 Credits

Prerequisite(s): M 095 or equivalent.

R-9. Introduces the logic and techniques of computer programming. Computer languages will vary; may be repeated for credit when different languages are offered.

Possible topics include BASIC, LOGO or Introductory Pascal.

Lecture Hours 3

Department: Math/Comp Sci/Statistics

COMP 292 Seminar. 1-3 Credits

Provides students an opportunity to investigate topics pertinent to the field of Computer Science.

Department: Math/Comp Sci/Statistics

COMP 293 Workshop. 1-8 Credits

Provides an opportunity for experimental study in an area of Computer Science.

Department: Math/Comp Sci/Statistics

COMP 311 Digital Logic Design. 3 Credits

Prerequisite(s): CSCI 132.

Corequisite(s): COMP 312.

Covers number representation, fundamental codes, concepts of Boolean algebra, basic logic algorithms, arithmetic, logic units, and computer architecture.

Lecture Hours 3

Department: Math/Comp Sci/Statistics

COMP 312 Logic Design Lab. 2 Credits

Prerequisite(s): PHSX 205.

Corequisite(s): COMP 311.

Covers digital logic circuit design with software assistance. Hands-on experience in the design and construction of digital logic circuits. (Lab fee required.)

Lab Hours 2

Department: Math/Comp Sci/Statistics

COMP 390 Practicum. 1 Credit

Prerequisite(s): CSCI 246.

Provides practical experience in the administration of a desktop laboratory. Includes both hardware and software troubleshooting.

Department: Math/Comp Sci/Statistics

COMP 402 Artificial Intelligence. 3 Credits

Prerequisite(s): CSCI 246 and some programming experience.

Covers data representation, production systems, search strategies, expert systems.

Leads to competence with an AI language such as LISP.

Lecture Hours 3

Department: Math/Comp Sci/Statistics

COMP 491 Independent Study. 1-5 Credits

Prerequisite(s): consent of instructor and department chairperson.

Provides outstanding students an individual opportunity to explore material not covered by regular Computer Science courses.

Department: Math/Comp Sci/Statistics

COMP 492 Seminar. 1-3 Credits

Prerequisite(s): Mathematics major or minor, or consent of instructor.

Investigates intensively topics pertinent to the area of Computer Science.

Department: Math/Comp Sci/Statistics

COMP 493 Workshop. 1-3 Credits

Provides an opportunity for experimental study in an area of Computer Science.

Department: Math/Comp Sci/Statistics

COMP 496 Cooperative Educ/Internship. 1-3 Credits

Department: Math/Comp Sci/Statistics