Computing Technology, BS

CIP Code ~~11.0202~~ 15.1204

Candidates for the B. S. Computing Technology degree must complete the following courses:

Core

CMP SCI 1000	Computer Science Experiences	1
CMP SCI 1250	Introduction to Computing	3
CMP SCI 2250	Programming and Data Structures	3
CMP SCI 2261	Object-Oriented Programming	3
CMP SCI 2700	Computer Organization and Architecture	3
CMP SCI 2750	System Programming and Tools	3
CMP SCI 3010	Web Programming	3
CMP SCI ~~3760~~ 3702	Cyber Threats and Defense	3
or CMP SCI 3780	Software Security	
CMP SCI 4010	Advanced Web Development with Java	3
CMP SCI 4500	Introduction to the Software Profession	3
CMP SCI 4610	Database Management Systems	3
INFSYS 3844	Developing Business Applications in .NET	3
INFSYS 3868	Secure Software Development	3

Computer Science Electives

Select six more elective computer science courses, numbered 3000 and above. (May use up to two information system courses as part of this requirement with permission of the department chair.)	18

Mathematics and Statistics

MATH 1320	Introduction to Probability and Statistics	3
MATH 1800	Analytic Geometry and Calculus I	5
MATH 3000	Discrete Structures	3
MATH 1100	Basic Calculus	3-5
or MATH 1800	Analytic Geometry and Calculus I	~~5~~

Additional Skills

ENGL 3130	Technical Writing	3
Total Hours		~~68~~ **67-69**

There are no related area requirements for majors in Computing Technology.

Sign-offs from other departments affected by this proposal

Department	Contact Person	Phone #	Objections
S005150	Dinesh Mirchandani		No

Rationale	Adding a new course for all majors.