Computing Technology BS

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~~	~~Linux Environment and Programming~~	~~3~~
CMP SCI 2751	File Systems, Operations, and Tools	3
CMP SCI 3010	Web Full Stack Development	3
CMP SCI 3702	Introduction to Cyber Threats and Defense	3
or CMP SCI 3780	Software Security	
CMP SCI 4010	Web Development with Java	3
CMP SCI 4500	Introduction to the Software Profession	3
CMP SCI 4610	Database Management Systems	3
INFSYS 3820	Introduction to Systems Administration	3
INFSYS 3844	Developing Business Applications in .NET	3

Computer Science Electives

Select six CMP SCI courses, numbered 2000 and above. May use up to two INFSYS 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 3000	Discrete Structures	3
MATH 1100	Basic Calculus	3-5
or MATH 1800	Analytic Geometry and Calculus I	

Additional Skills

ENGL 3130	Technical Writing	3

Total Hours   **67-69**

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

If other departments are affected by this proposal, please secure "sign-offs" and indicate for each department the following:

Department	Contact Person	Phone #	Objections
Information Systems	Dinesh Mirchandani		No

Justification for request:
This is the impact on Computing Technology from the changes in the introductory language in the department