

# COMPUTING

Associate in Science

Curriculum Guide

## ▪ FIRST YEAR

### First Semester

CORE	108	Connections	1
CPTR	220	Microcomputer Applications	3
CPTR	225	Web Development Basics	1
CPTR	226	Computer Science I	4
BUAD	138	Dynamics of Business	3
RELT	141	Christian Beliefs	3
ENGL	111	College Writing I	<u>3</u>
			18

Total

### Second Semester

CPTR	240	System Administration	3
CPTR	227	Computer Science II	4
CPTR	200	PC Technology Fundamentals	1
ENGL	112	College Writing II	3
MATH*	221	Elementary Statistics and Probability	3
HHPA	155	Concepts of Wellness	<u>2</u>
			Total 16

## ▪ SECOND YEAR

### First Semester

CPTR*	320	Networking	3
ACCT	211	Principles of Accounting	3
BIOL*	151	General Biology	4
CPTR**	335	Web Technologies	3
		Electives	<u>2</u>
			Total 15

### Second Semester

CPTR*	327	Systems Analysis & Design	3
LITR*		Literature Elective	3
RELT	305	Christian Ethics	3
HIST*	157	West and the World	3
		Electives	<u>3</u>
			Total 15

64 hours are required for graduation.

\* Other courses may also meet this requirement. See the Union College Bulletin 2012.

^ Alternate year course.

\*\* Prerequisites include CPTR 227 and CPTR 327. May need to take in a fifth semester.

This sample guide is intended only to show you how a program might be arranged. Course schedules may change and it is possible that your courses will not be taken exactly in the order shown. Your academic advisor will help you design a program around your educational needs and goals.