

Computer Technology Curriculum

Fall 2009

Please note: all new course codes and some new course names have been implemented as of the 2009 Fall semester. Old course codes and names are included here grayed out.

FIRST SEMESTER			
Course Code	Course Name	CREDITS	PRE/CO-REQUISITES
CMPT 100 CPT-100	Introduction to Computer Technology Microcomputer Hardware I	4	
CMPT 105 CPT-101	Introduction to Web Programming Microcomputer Communication I	4	
CMPT 110 CPT-108	Introduction to Databases	3	
ENGL 100 ENG-111	English Composition	3	ENGL 50; ENGL 75 ENG-080; ENG-090
MATH 125 MAT-150	Discrete Mathematics	3	MATH 050 MAT-050
SECOND SEMESTER			
Course Code	Course Name	CREDITS	PRE/CO-REQUISITES
CMPT 115 CPT-105	Microcomputer Hardware Microcomputer Hardware II	4	CMPT 100 CPT-100
CMPT 120 CPT-106	Open Source Operating Systems Microcomputer Communication II	4	
CMPT 125 CPT-102	Structured Programming	3	Recommended pre-requisite: CMPT 110
MATH EL1 MAT-EL1	Math Elective	3	Note: requirement for students who started in the CT degree program before the fall of 2009.
	Science elective with lab	4	Note: requirement for students who started in the CT degree program in the fall of 2009.
ENGL 115 ENG-115	Introduction to Literature	3	ENGL 100 ENG-111

THIRD SEMESTER

Course Code	Course Name	CREDITS	PRE/CO-REQUISITES
CMPT 210 CPT-202	Applications in Software	3	CMPT 110; CMPT 125 CPT-102 ; CPT-108
CMPT 215 CPT-203	Graphic Operating Systems	3	CMPT 100; CMPT 105 CPT-100; CPT-101
CMPT 225 CPT-207	Network Engineering	3	CMPT 100; CMPT 105; CMPT 120 CPT-100; CPT-101; CPT-106
MATH EL1 or CMPT EL1 MAT-EL2 OR TCH - ELE	Math Elective 2 or Computer Technology Elective (200 level course)	3	Note: requirement for students who started in the CT degree program before the fall of 2009.
CMPT EL1	Computer Technology Elective (200 level course)	3	Note: requirement for students who started in the CT degree program in the fall of 2009.
	Social Science Elective 1	3	

FOURTH SEMESTER

Course Code	Course Name	CREDITS	PRE/CO-REQUISITES
CMPT 220 CPT-201	Network System Management	3	CMPT 100; CMPT 105; CMPT 215 recommended CPT-100; CPT-101 (CPT- 203 Recommended)
CMPT 230 CPT-208	Senior Internship	3	30 credits earned towards AAS in Computer Technology
CMPT 235 CPT-209	Senior Seminar	3	CMPT 100; CMPT 105; CMPT 215 CPT-100; CPT-101; CPT- 106
GEN-ELE	General Elective	3	Note: requirement for students who started in the CT degree program before the fall of 2009.
	Humanities Elective	3	Note: requirement for students who started in the CT degree program in the fall of 2009.
	Social Science Elective 2	3	
TOTAL		64	