

## Computer Technology Curriculum

### FIRST SEMESTER

Course Code	Course Name	CREDITS	Pre/Co-Requisites and Recommended courses
CMPT 100	Introduction to Computer Technology	4	Recommended pre-requisites: any high school or adult education level introductory computer course or CMPT 101
CMPT 105	Introduction to Web Programming	4	Recommended pre-requisites: MATH 050 and any high school or adult education level introductory computer course or CMPT 101
CMPT 110	Introduction to Databases	3	Recommended pre-requisites: MATH 050 and any high school or adult education level introductory computer course or CMPT 101
ENGL 100	English Composition	3	Required pre-requisite(s): ENGL 50; ENGL 75
MATH 125	Discrete Mathematics	3	Required pre-requisite(s): MATH 050

### SECOND SEMESTER

Course Code	Course Name	CREDITS	Pre/Co-Requisites and Recommended courses
CMPT 115	Microcomputer Hardware	4	Required pre-requisite(s): CMPT 100
CMPT 120	Open Source Operating Systems	4	Recommended pre-requisites: CMPT 100
CMPT 125	Structured Programming	3	Recommended pre-requisite: CMPT 110
	Science elective with lab	4	The Dept. recommends: PHYS 150, College Physics I & Lab Lab Science course codes include: BIOL, BIOM, CHEM, ENVR, OCEA(105 and 205), PHYS, NUTR(110)*
ENGL 115	Introduction to Literature	3	Required pre-requisite(s): ENGL 100

**THIRD SEMESTER**

<b>Course Code</b>	<b>Course Name</b>	<b>CREDITS</b>	<b>Pre/Co-Requisites and Recommended courses</b>
CMPT 210	Applications in Software	3	Required pre-requisite(s): CMPT 110; CMPT 125
CMPT 215	Microsoft Operating Systems	3	Required pre-requisite(s): CMPT 100; CMPT 105
CMPT 225	Network Engineering	3	Required pre-requisite(s): CMPT 100; CMPT 105; CMPT 120
CMPT EL1	Computer Technology Elective (200 level course)	3	Qualifying electives include: CMPT 245, CMPT 250, CMPT 255, CMPT 265, CMPT 285
	Social Science Elective 1	3	Social Science course codes include: ECON, HIST, IDST(140,170,180), POLS, PSYC, SOCI

**FOURTH SEMESTER**

<b>Course Code</b>	<b>Course Name</b>	<b>CREDITS</b>	<b>Pre/Co-Requisites and Recommended courses</b>
CMPT 220	Network System Management	3	Required pre-requisite(s): CMPT 100; CMPT 105. Recommended pre-requisites CMPT 215
CMPT 230	Senior Internship	3	Required pre-requisite(s): 30 credits earned towards AAS in Computer Technology. Recommended pre-requisites: CMPT 215, CMPT 220, CMPT 210
CMPT 235	Senior Seminar	3	Required pre-requisite(s): CMPT 100 CMPT 105, CMPT 215. Recommended pre-requisites: CMPT 210, CMPT 220, CMPT 225
	Humanities Elective	3	Humanities course codes include: FREN, GRMN, IDST(140, 150, 160), LITR, MATH(120) PHIL, SPAN
	Social Science Elective 2	3	Social Science course codes include: ECON, HIST, IDST(140,170,180), POLS, PSYC, SOCI
	<b>TOTAL</b>	<b>64</b>	