

INFORMATION TECHNOLOGY

#3525

Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.
Degree completion time may vary depending upon the number of credits taken each semester.*

SEMESTER I			SEMESTER II		
		CREDITS			CREDITS
Intro to Information Technology	CMP 130	3	Computer Science I	CMP 128	3
Internet & Web Page Design	CMP 239	3	English Composition II	ENG 112	3
English Composition I	ENG 111	3	Technical Track Elective		3
Fundamentals of Prog. (Python)	CMP 131	3	Computers and Data Networks	TEL 107	3
Operating Systems & Utilities	CMP 200	<u>3</u>	Probability & Statistics	MAT 130	<u>4</u>
TOTAL		15	TOTAL		16
SEMESTER III			SEMESTER IV		
Linux	CMP 255	4	Laboratory Science		4
Foundations of Info Security	CMP 120	3	Software Engineering	CMP 280	3
Database Programming (SQL)	CMP 241	3	Technical Track Elective		3
Technical Track Elective		3	Humanities/Social Science Elective		<u>3</u>
Routing I	TEL 110	<u>3</u>			
TOTAL		16	TOTAL		13

HUMANITIES/SOCIAL SCIENCE: Select one three-credit Humanities/Social Science elective from the list of approved General Education courses.

LABORATORY SCIENCE: Choose a 4-credit laboratory science from the approved General Education (Science) courselist.

GENERAL EDUCATION: [Click here for the most recent General Education course list.](#)

TECHNICAL TRACK ELECTIVES: Choose one of the following technical tracks:

- Students may take **CMP 296/297/298** Cooperative Work Experience as a suitable substitute for any track elective.
- Note the **WD, IS & DA** course selections to complete a certificate in **Web Development, Information Security & Data Analytics**.
- Please see the Information Technologies Department Chairperson for more information.

Web Development

Web Design II ^{WD}	CMP 244	3
Adv Web Programming	CMP 249	3
Web Development Workflow ^{WD}	CMP 263	4

Security

Network Security ^{IS}	CMP 124	3
Information Security Management ^{IS}	CMP 125	3
Ethical Hacking & System Defense ^{IS}	CMP 243	3

Mobile Applications Development

Mobile App Design	CMP 170	3
Computer Science II	CMP 129	3
Mobile App Programming	CMP 271	3

Networking

Routing II	TEL 120	3
Routing III	TEL 220	3
Network Operating Systems	TEL 233	3

Digital Forensics

Digital Forensics I	CMP 160	3
Digital Forensics II	CMP 261	3
Investigative Function	CJS 215	3

Data Science

Intro to Data Science ^{DA}	MAT 114	3
Data Science Programming ^{DA}	CMP 262	3
Computer Science II	CMP 129	3

Custom Track

Pick 3 courses/9 CR from any of the Technical Tracks. 9

If your plan is to transfer, you should include **CMP 129 and MAT 118** as two of your Technical Track Electives.

HONORS COURSES: You may be eligible to take honors courses. Discuss this option with your Academic Advisor.