Name: _____

ID _____**Total Transfer Credits**_____

FALL 2021

COURSE	CODE	CR	GR	TR
GENERAL EDUCATION FOUNDATION (20 CR)				
COMMUNICATION (6 CR)				
English Composition I	ENG 111	3		
English Composition II	ENG 112	3		
MATH/SCIENCE/TECHNOLOGY (3 CR)				
Computer Science I	CMP 128	3		
SOCIAL SCIENCE (3 CR)*				
Choose from General Education list (Social Science)		3		
GENERAL EDUCATION ELECTIVES (8 CR)				
Probability & Statistics	MAT 130	4		
Laboratory Science*		4		
INFORMATION TECHNOLOGIES CORE (40 CR)				
Intro to Information Technology	CMP 130	3		
Computers and Data Networks	TEL 107	3		
Routing I	TEL 110	3		
Network Security	CMP 124	3		
Operating Systems & Utilities	CMP 200	3		
Linux	CMP 255	4		
Fundamentals of Programming	CMP 131	3		
Internet & Web Page Design	CMP 239	3		
Database Programming (SQL)	CMP 241	3		
Software Engineering	CMP 280	3		
IT Track Electives*		9		
	TOTAL	60		

NOTES:

This is an unofficial document and should be used for academic planning purposes only. All students are required to see their Academic Advisors each semester to discuss and approve their selection of courses before they register.

Due to continual program revisions mandated by accrediting agencies and/or changes in state mandated requirements, students should consult their academic advisor when selecting courses.

If you need the name of your academic advisor, contact **Department of Information Technologies in Emeriti Hall, EH 225 at (973)328-5780.**

To determine the transferability of your courses to participating NJ Colleges & Universities, access www.njtransfer.org.

*See back page for more information.

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		CREDITS	SEMESTER II		CREDITS
Intro to Information Technology	CMP 130	3	Social Science Elective		3
Internet & Web Page Design	CMP 239	3	Computer Science I	CMP 128	3
English Composition I	ENG 111	3	English Composition II	ENG 112	3
Routing I	TEL 110	3	Operating Systems & Utilities	CMP 200	3
Fundamentals of Programming	CMP 131	3	Technical Emphasis I		3
	TOTAL	15		**TOTAL**	15

SEMESTER III			SEMESTER IV		
Linux	CMP 255	4	Laboratory Science		4
Computers and Data Networks	TEL 107	3	Software Engineering	CMP 280	3
Network Security	CMP 124	3	Probability & Statistics	MAT 130	4
Database Programming (SQL)	CMP 241	3	Technical Emphasis III		3
Technical Emphasis II		3			
	TOTAL	16		**TOTAL**	14

SOCIAL SCIENCE: Select one three-credit 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) course list.

TECHNICAL TRACKS: Students may choose one of the following technical emphases:

*Students may take CMP 296/297/298 Cooperative Work Experience as a suitable substitute for one of these electives. Please see the Information Technologies Department Chairperson for more information.

Web Development			Security		
Web Design II	CMP 244	3	Foundations of Information Security	CMP 120	3
Adv Web Programming	CMP 249	3	Information Security Management	CMP 125	3
Web Development Workflow	CMP 263	3	Ethical Hacking & System Defense	CMP 243	3

Mobile Applications Development			Networking		
Mobile App Design	CMP 170	3	Routing II	TEL 120	3
Computer Science II	CMP 129	3	Routing III	TEL 220	3
Mobile App Programming	CMP 271	3	Network Operating Systems	TEL 233	3

Digital Forensics			Data Science		
Digital Forensics I	CMP 160	3	Intro to Data Science	MAT 114	3
Digital Forensics II	CMP 261	3	Data Science Programming	CMP 262	3
Investigative Function	CJS 215	3	Machine Learning	ENR 264/CMP 264	3

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

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