COUNTY COLLEGE OF MORRIS
CURRICULUM CHECK SHEET **#3525**
Requirements for Graduation **INFORMATION TECHNOLOGY**
A.A.S. DEGREE

FALL 2026

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 [IS, WD]	CMP 128	3		
HUMANITIES/SOCIAL SCIENCE (3 CR)*				
Choose from General Education course list (Humanities/Social Science)		3		
GENERAL EDUCATION ELECTIVES (8 CR)				
Probability & Statistics [DA]	MAT 130	4		
Laboratory Science* Choose from General Education course list (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		
Foundations of Info Security [IS, WD]	CMP 120	3		
Operating Systems & Utilities	CMP 200	3		
Linux [IS]	CMP 255	4		
Fundamentals of Prog. (Python) [DA, IS]	CMP 131	3		
Internet & Web Page Design [WD]	CMP 239	3		
Database Programming (SQL) [DA, WD]	CMP 241	3		
Software Engineering	CMP 280	3		
Technical 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 Advisor 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 the **Department of Information Technologies in Emeriti Hall, EH225 (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 on course choices.

Certificates of Achievement: See your academic advisor to ensure you have declared a Certificate on your academic record.

[WD] A certificate in **Web Development** may be earned by completing five courses notated as WD.

[IS] A certificate in **Information Security** may be earned by completing five courses notated as IS.

[DA] A certificate in **Data Analytics** may be earned by completing five courses notated as DA**.**

See back page for more information on Technical Track Electives. Specific courses are required if you are interested in completing a Certificate in **Web Development, Information Security or **Data Analytics.**

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	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
Probability & Statistics	MAT 130	4	Operating Systems & Utilities	CMP 200	3
	TOTAL	16		**TOTAL**	15
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		3
Routing I	TEL 110	3			
	TOTAL	16		**TOTAL**	13

HUMANITIES/SOCIAL SCIENCE: Select one 3-credit Humanities/Social Science elective from the list of approved General Education courses.

LABORATORY SCIENCE: Choose a 4-credit laboratory science course from the approved General Education (Science) course list.
You may wish to select a course from the non-science-major options.

GENERAL EDUCATION: Click here for the most recent General Education course list.

TECHNICAL TRACK ELECTIVES (9 CR): Complete 3 courses totaling 9 credits from one of the following technical tracks:

- Students may take **CMP 296/297/298** Cooperative Work Experience as a suitable substitute for any track elective.
- In addition to the courses below, students may select TEL 233, Network Operating Systems
- Note the **WD**, **IS** & **DA** course selections to complete a certificate in **Web Development**, **Information Security** & **Data Analytics**.
- **If your plan is to transfer, choose the Custom Track** and include CMP 129, Computer Science II and MAT 118 Calculus for Business Economics**,** as two of your Technical Track Electives.
- Please consult the Chairperson for more information.

Web Development		
Web Design II [WD]	CMP 244	3
Adv Web Programming [WD]	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

Digital Forensics		
Digital Forensics I	CMP 160	3
Investigative Function	CJS 215	3
Choose any technical track elective		3

Data Science		
Intro to Data Science [DA]	MAT 114	3
Data Science Programming [DA]	CMP 262	3
Introduction to AI [DA, IS]	CMP 136	1
AI Lab [DA, IS]	CMP 137	2

Custom Track	
Choose three courses from any of the Technical Tracks.	9

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