COUNTY COLLEGE OF MORRIS
CURRICULUM CHECK SHEET   **#2150**
Requirements for Graduation   **SCIENCE AND MATH DEGREE**
A. S. DEGREE   **Mathematics Option**

Name:_____

ID_____Total Transfer Credits_____

FALL 2021

COURSE	CODE	CR	G	TR
General Education Foundation (32 CR)				
COMMUNICATION (6 CR)				
English Composition I	ENG 111	3		
English Composition II	ENG 112	3		
MATH/SCIENCE/TECHNOLOGY (11 CR)				
Restricted Laboratory Science*		4		
Restricted Laboratory Science*		4		
Technology Elective**		3		
SOCIAL SCIENCE (3 CR)				
Choose from General Education course list (Social Science)				
		3		
HUMANITIES (3 CR)				
Choose from General Education course list (Humanities)				
		3		
SOCIAL SCIENCE OR HUMANITIES (3 CR)				
Choose from General Education course list (Social Science or Humanities)				
		3		
GENERAL EDUCATION ELECTIVES (6 CR)+				
Choose from General Education course list (General Education)				
		3		
		3		
MATHEMATICS CORE (15 CR)				
Analytic Geometry & Calculus I	MAT 131	4		
Analytic Geometry & Calculus II	MAT 132	4		
Calculus III	MAT 230	4		
Linear Algebra	MAT 228	3		
FREE ELECTIVES+		6		
RESTRICTED ELECTIVE (7 CR)				
Discrete Mathematics **OR**	MAT 225	4		
Ordinary Differential Equations	MAT 244			
Computer Programming for Engineers	ENR 125	3		
	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 the Math Department office, SH 319, 973-328-5707 or pgalardi@ccm.edu.

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

*See reverse side for choices.

**You may take CMP 128 or CMP 135.

+Please discuss these choices with your Academic Advisor. If you are interested in completing the Data Analytics Certificate, please discuss your General Education and Free Electives with an Academic Advisor.

SCIENCE & MATH DEGREE
Mathematics Option
#2150
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
English Composition I	ENG 111	3	English Composition II	ENG 112	3
Humanities Elective		3	Social Science or Humanities		3
Calculus I	MAT 131	4	Calculus II	MAT 132	4
Laboratory Science		4	Laboratory Science		4
Social Science Elective		3			
	TOTAL	17		**TOTAL**	14
SEMESTER III			**SEMESTER IV**		
Discrete Mathematics **OR**	MAT 225	4	General Education Elective		3
Ordinary Differential Equations	MAT 244		Free Elective		3
Technology Elective		3	Linear Algebra	MAT 228	3
Free Elective		3	Computer Programming	ENR 125	3
Calculus III	MAT 230	4	General Education Elective		3
	TOTAL	14		**TOTAL**	15

GENERAL EDUCATION ELECTIVES: Please select appropriate courses from the approved list of General Education courses for Humanities, Social Science, Communication or Language, and Math-Science-Technology. Students who plan to transfer to a B.A. (Bachelor of Arts) program should take COM 109, Speech Fundamentals, since this is required under communication for that degree.

RESTRICTED LABORATORY SCIENCE: Any two-part sequence of the following:
BIO 121-122 General Biology I, II   BIO 101-102 Anatomy & Physiology I, II
CHM 125/126 – 127/128 Gen. Chemistry I, II   PHY 125/126 – 127/128 Gen. Physics I, II

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.](#)