COUNTY COLLEGE OF MORRIS
CURRICULUM CHECK SHEET   **#2150**
Requirements for Graduation   **MATHEMATICS OPTION**
A. S. DEGREE   **Science & Math Degree**

Name:_____

ID_____**Total Transfer Credits**_____

Date_____

FALL 2020

COURSE	CODE	CR	G R	TR	NOTES:
General Education Foundation (32 CR)					**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.
COMMUNICATION (6 CR)					
English Composition I	ENG 111	3			
English Composition II	ENG 112	3			
					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.
MATH/SCIENCE/TECHNOLOGY (11 CR)					
Restricted Laboratory Science*		4			
Restricted Laboratory Science*		4			
Technology Elective**		3			
					If you need the name of your academic advisor, contact the Math Department office, SH 319, 973-328-5707 or elewis@ccm.edu or kedwards@ccm.edu.
SOCIAL SCIENCE (3 CR)					
Choose from General Education course list (Social Science)					
		3			
					To determine the transferability of your courses to participating NJ Colleges & Universities, access www.njtransfer.org.
HUMANITIES (3 CR)					
Choose from General Education course list (Humanities)					
		3			
					*See reverse side for choices.
SOCIAL SCIENCE OR HUMANITIES (3 CR)					
Choose from General Education course list (Social Science or Humanities)					
		3			**You may take CMP 128 or CMP 135.
GENERAL EDUCATION ELECTIVES (6 CR)					
Choose from General Education course list (General Education)					
		3			
		3			+Please discuss these choices with your Academic Advisor.
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			

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. For more information, contact Prof. Laura Gabrielsen, 973-328-5459.