

**COUNTY COLLEGE OF MORRIS  
CURRICULUM CHECK SHEET  
Requirements for Graduation  
A. S. DEGREE**

**#2150  
SCIENCE AND MATH DEGREE  
Mathematics Option**

**FALL 2024**

COURSE	CODE	CR	G	TR
<b>General Education Foundation (32 CR)</b>				
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		
<b>MATHEMATICS CORE (28 CR)</b>				
Analytic Geometry & Calculus I	MAT 131	4		
Analytic Geometry & Calculus II	MAT 132	4		
Calculus III	MAT 230	4		
Linear Algebra	MAT 228	3		
Discrete Mathematics <b>OR</b>	MAT 225	4		
Ordinary Differential Equations	MAT 244	4		
Computer Programming for Engineers <b>OR</b>	ENR 125	3		
Introduction to Data Science#	MAT 114	3		
Free Electives+#		6		
	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 Math Department office, SH 319, 973-328-5707 or [athurman@ccm.edu](mailto:athurman@ccm.edu).

To determine the transferability of your courses to participating NJ Colleges & Universities, access [www.njtransfer.org](http://www.njtransfer.org).

\*See reverse side for choices.

\*\*You may take CMP 128, CMP 131 or CMP 135.

+Please discuss these choices with your Academic Advisor.

Students interested in using free elective credits to complete the Internship-Quantitative Analysis (MAT 221, MAT 222, or MAT 223), contact [kfitzpatrick@ccm.edu](mailto:kfitzpatrick@ccm.edu)

#Students interested in completing the Data Analytics Certificate should choose these elective choices carefully and consult with [kfitzpatrick@ccm.edu](mailto:kfitzpatrick@ccm.edu). See back page for more information.

