COUNTY COLLEGE OF MORRIS
CURRICULUM CHECK SHEET   **#3600**
Requirements for Graduation   **ELECTRONICS ENGINEERING**
A.A.S. DEGREE   **TECHNOLOGY**

FALL 2025

COURSE	CODE	CR	GR	TR
General Education Foundation (20/21 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 OR HUMANITIES (3 CR)*		3		
Choose a Humanities or Social Science elective from the General Education Course list (This course must also appear on the Diversity list)				
GENERAL EDUCATION (8 CR)**				
Precalculus	MAT 123	4		
Mathematics Elective**		4		
ELECTRONICS ENGINEERING TECH CORE (40 CR)				
Circuit Analysis DC/AC	ELT 100	3		
Circuit Measurement	ELT 102	1		
Active Circuit Components	ELT 115	3		
Digital Principles	ELT 110	3		
Advanced Digital and Microprocessors	ELT 209	4		
Electronic Fabrication	ELT 210	1		
Active Circuit Design	ELT 213	4		
Industrial Electronics	ELT 215	4		
Electronic Communications Systems	ELT 231	4		
Computer-Aided Drafting I	ENR 117	2		
Intro to Exp & Design	ENR 132	3		
Technical Physics I	PHY 111	4		
Technical Physics II	PHY 112	4		
	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 Engineering Technologies/Engineering Science Department in the Advanced Manufacturing and Engineering Center, room 104, 973-328-5760.

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

*This course must also be listed in the Diversity course list. See back page for more information.

**See back page for an important note regarding Mathematics Electives.

Although the A.A.S. degree is a career-oriented program, selected four-year institutions may provide graduates of this program opportunity for transfer. For more information contact the Transfer Coordinator and/or your academic advisor.

ELECTRONICS ENGINEERING TECHNOLOGY
#3600
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
Precalculus	MAT 123	4	Math Elective		4
Digital Principles	ELT 110	3	Computer Science I	CMP 128	3
Intro to Exp and Design	ENR 132	3	Circuit Analysis DC/AC	ELT 100	3
Computer-Aided Drafting I	ENR 117	2	Circuit Measurement	ELT 102	1
	TOTAL	15		**TOTAL**	14
SEMESTER III			**SEMESTER IV**		
Electronic Communications Sys.	ELT 231	4	Industrial Electronics	ELT 215	4
Adv. Digital & Microprocessors	ELT 209	4	Active Circuit Design	ELT 213	4
Active Circuit Components	ELT 115	3	Technical Physics II	PHY 112	4
Technical Physics I	PHY 111	4	Electronic Fabrication	ELT 210	1
			Social Science/Humanities Elective		3
	TOTAL	15		**TOTAL**	16

HUMANITIES/SOCIAL SCIENCE: The Humanities or Social Science course must also appear in the Diversity section of the General Education course list. Please see your Academic Advisor for advice on selecting a course.

MATHEMATICS ELECTIVES: Students must have completed (or be exempt from MAT 123, Precalculus). After MAT 123, you may take MAT 113, Applied Calculus, MAT 131, Analytic Geometry and Calc I or MAT 132 Analytic Geometry.

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

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