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

#3601
ELECTRONICS ENGINEERING
TECHNOLOGY
Biomedical Equipment Option

Name:	
ID	Total Transfer Credits
Data	

FALL 2020

COURSE	CODE	CR	GR	TR
General Education Foundation (20 CR)				
COMMUNICATION (6 CR)				
English Composition I	ENG 111	3		
English Composition II	ENG 111 ENG 112	3		
Eligibil Composition ii	LING 112			
MATH/SCIENCE/TECHNOLOGY (3 CR)				
Computer Science I	CMP 128	3		
Computer Science 1	CIVII 120			
SOCIAL SCIENCE OR HUMANITIES (3 CF	<u>{</u>)*			
Choose a Humanities or Social Science elective from the	Choose a Humanities or Social Science elective from the General Education			
Course list. (This course must also appear on the Diversi	ty list).			
CENEDAL EDUCATION (9 CB)				
GENERAL EDUCATION (8 CR)	DIO 122	4		
Human Biology	BIO 133	4		
Precalculus+	MAT 123	4	-	
ELECTRONICS ENGINEERING TECHN	OLOCV			
ELECTRONICS ENGINEERING TECHN Biomedical Equipment Option Core (40 CF				
Circuit Analysis DC/AC	ELT 100	3		
Circuit Measurement	ELT 100	1		
Active Circuit Components	ELT 102	3		
Biomedical Electronics	ELT 200	3		
Advanced Digital and Microprocessors	ELT 209	4		
Electronic Fabrication	ELT 210	1		
Active Circuit Design	ELT 213	4		
Industrial Electronics	ELT 215	4		
Digital Principles	ELT 110	3		
Biomedical Clinical Experience**	ELT 227	3		
Electronic Communications Systems	ELT 231	4		
Intro to Exp[& Design	ENR 132	3		
Technical Physics I	PHY 111	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 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 Engineering Technologies/Engineering Science Department in Sheffield Hall SH 301, 973-328-5760.

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

- +See back page for important note regarding Mathematics Electives.
- *This course must also be listed in the Diversity course list. See back page for more information.
- **Registration in ELT 227 is conducted by the department only. Students must undergo a Federal and State Criminal Background check and purchase professional liability insurance prior to the start of their clinical experience. See your academic advisor.

Although the A.A.S. degree is a careeroriented 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

Biomedical Equipment Option #3601

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
Mathematics Elective		4	Human Biology	BIO 133	4
Digital Principles	ELT 110	3	Computer Science I	CMP 128	3
Intro to Exp & Design	ENR 132	<u>3</u>	Circuit Analysis DC/AC	ELT 100	3
			Circuit Measurement	ELT 102	<u>1</u>
	TOTAL	13		TOTAL	14
SEMESTER III			SEMESTER IV		
Electronic Communication Syst.	ELT 231	4	Industrial Electronics	ELT 215	4
Advanced Digital &	ELT 209	4	Active Circuit Design	ELT 213	4
Microprocessors			Biomedical Clinical Experience	ELT 227	3
Biomedical Electronics	ELT 200	3	Electronic Fabrication	ELT 210	1
Technical Physics I	PHY 111	4	Social Science/Humanities Elective		<u>3</u>
Active Circuit Components	ELT 115	<u>3</u>		TOTAL	15
_	TOTAL	18			

HUMANITIES/SOCIAL SCIENCE: The Humanities or Social Science Elective 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 wishing to take a higher level course than MAT 123, Precalculus may do so if they have met or exceeded the prerequisite.

HONORS COURSES: You may be eligible to take honors courses. For more information, contact Prof. Laura Gabrielsen at 973-328-5459.