



Program: Mechatronics Engineering Technology, CC		Division: Science and Mathematics	
Student:	ID#:	Calendar Yr: 2017-18	

FALL SEMESTER (19 credits)

√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	COM-121*	English Composition I	3	X	COM-051 or ESL-050, COM-061 or ESL-060	All/OL	
	MAT-160	College Algebra	3	X	MAT-110 with a grade of C or better	All/OL	
	ORI-103*	College Success Strategies	3	X		All/OL	
Students are granted credit for Mechatronics Engineering Technology (MET) courses by articulation after completion of the course competencies through courses offered by RACC's Workforce and Economic Development/Community Education Division. Students should contact that division to obtain information on course offerings.							
	MET-101	Fundamentals of Shop Machinery	3	X	MAT 035 with a "C" or higher, COM 021		
	MET-120	Industrial Mechanics	5	X	MAT-110		
	MET-130	Industrial Electrical Systems	4	X	MAT-110		

SPRING SEMESTER (14 credits)

√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	COM-141	Technical Writing	3	X	COM-121 or COM-122 with a C or better	Fa/Sp/OL	
	MET-111	Fundamentals of Manufacturing	1	X	MAT 035 with a "C" or higher, COM 021		
	MET-140A	Introduction to Programmable Logic Controllers I	2	X	MET-130		
	MET-140B	Introduction to Programmable Logic Controllers II	2	X	MET-140A		
	PHY-150	Applied Physics	4	X	COM 061 or ESL 060, MAT 110 or MTT 125	Fall/Sp	

Students are required to take a RACC placement test for COM 121 and MAT 160, have appropriate SAT scores for placement, or transfer an approved equivalent course from another college. Students placing below the knowledge level of these courses will be required to pass one or more pre-requisite courses before registering for these courses. Other courses may require additional pre-requisite courses depending on math, reading, and writing placement as detailed on the course description pages.

Completion of MET 120, MET 130 and MET 140 is required for AMIST-1 certification.

Advisor's Contact Information:

Name: Judy Vecchio
Office: T108
Phone: 610-372-4721, ext. 5716
E-Mail: jvecchio@racc.edu