

Curriculum Mechatronics		Fall 2020		
Page 1 of 2		Term		Grade
1st Semester				
ENGL 101	Composition and the Spoken Word	3		
ENGS 101	Intro to Engineering	2		
MATH 161	Calculus I	4		
CHEM 150	College Chem I & Lab	4		
PHYS 131	University Physics I	3		
PHYS 135	University Physics I Lab	1		
2nd Semester				
CITA 152	Computer Logic	3		
English (GER 7)	Literature	3		
MATH 162	Calculus II	4		
American History Elective (GER 4)		3		
PHYS 132	University Physics II	3		
PHYS 136	University Physics II Lab	1		
3rd Semester				
ENGS 201	Statics	3		
MECH 112	3D Modeling	3		
MKTX 215/216	Digital Fundamental & Logic Design/Laboratory	3/1		
Math 263	Calculus III	4		
Western Civilization Elective (GER 5)		3		
4th Semester				
ENGS 202	Dynamics	3		
CITA 180	Intro to Programming	4		
ENGS 263	Electric Circuits	3		
ENGS 264	Circuit Lab	1		
ECON 103	Principles of Economics	3		
ENGS 203	Engineering Strength of Materials	3		
5th Semester				
ENGS 341	Fluid Mechanics	3		
MATH 364	Differential Equations	4		
Liberal Arts Elective		3		
MKTX 320 Lab I	Mechatronics Lab I	1		
ENGS 350	Mechanical Design	3		
6th Semester				
MKTX 310	Instrumentation & Controls	3		
MKTX 325	Microcontroller	3		
MATH 361	Linear Algebra	3		
MKTX 370	Mechatronics Laboratory II	1		
CITA 380	Advance Programming	3		

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7th Semester	Page 2 of 2		Term	Grade
Liberal Arts Elective		3		
MKTX 477	Capstone I	2		
MKTX 410	Robotics Analysis & Synthesis	3		
SOET/BSAD 361	Project Management	3		
Liberal Arts Elective U/L		3		
SOET 348	Engineering Safety	1		
8th Semester				
Liber Arts Elective U/L		3		
MKTX 478	Capstone II	2		
Liberal Arts Elective U/L		3		
Program Elective U/L		3		
Math 461	Advanced Calculus I	3		
	Total Credits	124		

Certified for Graduation: _____
Advisor Signature
Date

Electives
Appendix II

Liberal Arts Electives:
Please refer to: http://www.canton.edu/provost/pdf/LA_Electives..pdf