

Program Advising Sheet

SUNY Canton Industrial Technology Management B. Tech 935			Fall 2024	
Program Coordinator:		Advisors: Dr. Lucas Craig, Dr. Tatsuhito Koya, and Michael Newtown		
1 st Semester		Credit	Term	Grade
ENGL 101	Composition and the Spoken Word (GER 1, 2)	3		
MATH 121 or Math 123	College Algebra or Pre-Calculus ^(GER 4)	4		
PHYS or CHEM	PHYSICS or Chemistry ⁶	4		
	Program Elective ¹	3		
	Program Elective ¹	3		
		17		
2 nd Semester				
ACCT 101 or ACCT 104	Financial Accounting or Survey of Accounting	4		
PHYS or CHEM	PHYSICS or Chemistry ⁶	4		
MATH 161	Calculus I	4		
	Program Elective ¹	3		
	Program Elective ¹	3		
		18		
3 rd Semester				
ECON 103 Or ECON 101	Microeconomics or Macroeconomics (GER 7)	3		
MATH 141	Statistics (GER 4)	3		
	Program Elective ¹	3		
	Program Elective ¹	3		
	GER ³	3		
		15		
4 th Semester				
BSAD 201	Business Law I	3		
	Program Elective ¹	3		
	Program Elective ¹	3		
	GER ³	3		
	Diversity: Equity, Inclusion, and Social Justice Elective GER ³	3		
		15		
5 th Semester				
BSAD 340	Management Communications	3		
SOET 361	Project Management	3		
	Program Elective ¹ (U/D)	3		
	Program Elective ¹	3		
	Track Elective ²	3		
		15		

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6 th Semester				
BSAD 301	Principles of Management	3		
ECON 370	Engineering Economics	3		
	Program Elective ¹	3		
	Track Elective ²	3		
	LA/Science (U/D)	3		
		15		
7 th Semester				
BSAD 449	Strategic Policies and Issues	3		
SOET 430	Systems Analysis	3		
SOET 377	Engineering Ethics	1		
	Program Elective ¹ (U/D)	3		
	Track Elective ² (U/D)	3		
	LA/Science (U/D)	3		
		16		
8 th Semester				
SOET 477	Engr Tech Capstone Project	3		
SOET 348	Engineering Safety	1		
	Track Elective ² (U/D)	3		
	Track Elective ² (U/D)	3		
	Business Elective ⁴	3		
		13		

NOTES:

- 1 Program electives selected from ACHP, AREA, BSAD, ENGS, CITA, CONS, CYBR, ELEC, GMMD, MATH, MECH, MKTX, PHYS, SOET designators.
- 2 A Track is required and is one of the following:

Logistics Track Required	BSAD	400	Operations/ Production Management
	SOET/BSAD	421	Six Sigma and Lean Manufacturing
	GMMD	337	Design Thinking
	CITA	325 or 371	Intelligence Business Software or Working With Data Visualization Tools
Quality Control Track Required	MECH	350	Quality Improvement
	MATH	341	Statistics II
	SOET/BSAD	421	Six Sigma and Lean Manufacturing
	MECH	351	Design of Experiments

3. General Education Requirements are shown below:

GER Elective Course must come from the following list:

Complete 8 of 11 GER's and 30 total credits

GER 1 Communication (Written)	GER 4 Mathematics	GER 7 Social Science	GER 10 World History and Global Awareness
GER 2 Communication (Oral)	GER 5 Natural Science	GER 8 Arts	GER 11 World Languages
GER 3 Diversity	GER 6 Humanities	GER 9 US History and Civic Engagement	

GER's: 1, 2, 3, 4, 5, 7

4. A business elective (U/D) is an elective from business school upper division courses.
5. Minimum mathematics requirement is MATH 121 College Algebra or MATH 123 Pre-Calculus Algebra, or equivalent.
6. Physics or Chemistry Electives can be chosen from PHYS 121&125, PHYS 122&126, PHYS 131&135, PHYS 132&136, CHEM 150, CHEM155, or equivalent.

Graduation Requirements: Total Semester Credit Hours – 124

STUDENT _____ CERTIFIED FOR GRADUATION YES/NO

SSN _____ CERTIFIED BY _____