

Fall - 2015**Bachelor of Electrical Engineering Technology Program (B. Tech) 0216**SUNY Canton – *Stephen Frempong, Robert Jennings, Rashid Aidun, David Hartle****First Semester-Fall***

Course Number / Title	Credits	Term	Grade
ENGL 101	3	-----	-----
MATH 123	4	-----	-----
SOET 116	2	-----	-----
ENGS 101	2	-----	-----
ELEC 101	3	-----	-----
ELEC 109	1	-----	-----
	15		

Second Semester-Spring

ENGS 102	2	-----	-----
ELEC 102	3	-----	-----
ELEC 129	1	-----	-----
MATH 161	4	-----	-----
ELEC 165	3	-----	-----
ELEC 166	1	-----	-----
	14		

Third Semester-Fall

PHYS 121/131	3	-----	-----
PHYS 125/135	1	-----	-----
ELEC 213	3	-----	-----
	3	-----	-----
ELEC 231	4	-----	-----
ELEC 141	2	-----	-----
	16		

Fourth Semester-Spring

Course Number / Title	Credits	Term	Grade
ELEC 243	2	-----	-----
PHYS 122/132	3	-----	-----
PHYS 126/136	1	-----	-----
ELEC 215	4	-----	-----
ELEC 225	3	-----	-----
MATH 162	4	-----	-----
	17		

Fifth Semester-Fall

MATH 141	3	-----	-----
ELEC 343	3	-----	-----
ELEC 332	3	-----	-----
	3	-----	-----
SOET 377	1	-----	-----
MATH 364	4	-----	-----

Sixth Semester-Spring

ELEC 380	3	-----	-----
ELEC 385	3	-----	-----
ELEC 383	3	-----	-----
	3	-----	-----
	3	-----	-----
SOET 348	1	-----	-----
	16		

Seventh Semester-Fall

Course Number / Title		Credits
SOET 361	Project Management	3 -----
	Program Elective	3 -----
ELEC 386	Electronic Communications II	3 -----
ELEC 416	Microelectronics Circuit Design	3 -----
	GER course (3,4,5,6,7,8,9)	3 -----
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	15	

Eighth Semester-Spring

Course Number / Title		Credits
	Program Elective	3 -----
ELEC 477	Capstone Project	3 -----
SOET 370	Engineering Project Analysis	3 -----
ELEC488	Electrical Power Systems	3 -----
	Program Elective	3 -----
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	15	

Total Credits:**125****Program Electives**

1. Fiber Optic Communications (ELEC 375) or PHYS301
 2. Math Minor Courses (MATH 341, MATH 361, MATH 351, MATH 371, MATH 263, MATH 391)
 4. Management Telecommunications (SOET 373)
 5. Wind Turbines (AREA 303)
 6. Satellite Communications (ELEC 405)
 7. Design of Experiments (MECH 351)
 8. Thermodynamics (MECH 342)
 9. Geothermal Energy (AREA 340)
 10. Biomedical Electronics (ELEC436)
- or Electives approved by the program director

Graduation Requirements: 125 Semester Credit Hours with a G.P.A of 2.0 minimum**Name of StudentCertified for Graduation (Yes/No)****SN Certified By****Class of Total G.P.A.**