

Electrical Engineering

Updated April 2021

Name:		Start Date:		
Student #:				
Term	Courses	Course Name	Cr.hrs.	Passed
1	APSC1013	Mechanics I	5	
	CMPE1003	Introduction to Computer Programming	4	
	ENGG1001	Engineering Practice Lecture Series	0	
	ENGG1003	Eng Technical Communications	4	
	ENGG1015	Intro to Eng Dsgn and Prob Solving	2	
	MATH1003	Introduction to Calculus I	3	
	MATH1503	Introduction to Linear Algebra	3	
2	APSC1023	Mechanics II	5	
	CHEM1872	General Physical and Inorganic Chemistry	3	
	CHEM1877	General Physical and Inorganic Chem Lab	2	
	CMPE1023*	Data Structures and Algorithms	4	
	ECE1813	Electricity and Magnetism	4	
	MATH1013	Introduction to Calculus II	3	
3	CHE2501	General Materials Science (BSE)	3	
	ECE2214	Digital Logic Design	3	
	ECE2215	Digital Logic Design Laboratory	1	
	ECE2711	Electric Circuits	4	
	MATH2513	Multivariable Calculus for Engineers	4	
	STAT2593	Probability and Statistics for Engineers	3	
	CSE			
4	APSC2023	A Survey of 19th and 20th Century Physics	3	
	APSC2028	Survey of the 19th and 20th Century Physics Lab	2	
	COMS2001*	Transformations in Media	3	
	ECE2021	Electrical Design, Experimentation, and Measurement	2	
	ECE2412	Simulation and Engineering Analysis	4	
	ECE2722	Circuits & Systems	4	
	MATH3503	Differential Equations for Engineers	3	

*courses offered in alternating years; please take CSE (e.g. COMS 2001) in yrs not offered

Complimentary Studies Electives (CSE) requirements for whole program*				
a. Tech & Soc	COMS2001*	Transformations in Media	3	
b. Hum/SS			3	
c. BA/Hum/SS			3	
Basic Science			3	

Notes:

- a. At least 3 ch must be from the Humanities and Social Sciences related to technology and society.
 - b. 3 ch of Humanities & Social Sciences (Anthropology, Classics, Literature, History, Philosophy, Political Science and Sociology)
 - c. Remaining 3 ch may be from: Business, Technology Management and Entrepreneurship (TME) or the Hum & SS
- No more than 3 ch of language courses may be used for credit toward the B.Sc.E. Degree.

Please visit UNB Calendar for further details (www.unb.ca/academics/calendar/undergraduate/current/index.html)