Mechanical Engineering

Updated June 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	
	ECE1813	Electricity and Magnetism	4	
	MATH1013	Introduction to Calculus II	3	
	ME1312	Computer Aided Design	4	
3	CHE2501	General Materials Science	3	
	CHE2506	Materials Science Laboratory	1	
	ECE2711	Electric Circuits	4	
	ME2111	Mechanics of Materials I	3	
	ME2143	Kinematics and Dynamics of Machines	3	
	ME2145	Kinematics and Dynamics Design Project	1	
	MATH2513	Multivariable Calculus for Engineers	4	
	STAT2593	Probability and Statistics for Engineers	3	
4	APSC2023	A Survey of 19th and 20th Century Physics	3	
	CSE	(Recommend COMS 2001)	3	
	MATH3503	Differential Equations for Engineers	3	
	ME2122	Mechanics of Materials II	3	
	ME2125	Mechanics of Materials Design Project	1	
	ME2413	Thermodynamics I	3	
	ME2415	Thermodynamics I Laboratory	1	
	ME3513	Fluid Mechanics	3	
	ME3515	Fluid Mechanics I Laboratory	1	

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	

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)