

Engineering First Year Courses 2022 – Textbook information

Course	Textbook	Author/Publisher
CEM1000W	Chemistry: The Molecular Nature of Matter and Change (8 th Edition)	Martin Silberberg and Patricia Amateis
CEM1008F	Chemistry: The Molecular Nature of Matter and Change (8 th Edition)	Martin Silberberg and Patricia Amateis
CHE1005W	Basic principles and calculations in chemical engineering (8 th Edition) Recommended book: Elementary Principles of Chemical Processes (3rd Edition) ISBN:0471697591 (Paperback)	Himmelblau, D. M, & Riggs, J. B. Felder & Rousseau
CIV1007S	Engineering Mechanics Statics	Hibbeler
CSC1015F	Recommended book: Python Programming: An Introduction to Computer Science (2 nd Edition)	John Zelle
CSC1016S	Recommended book: Absolute Java, (International/Fifth edition or later), ISBN: 9780273764793	Walter Savitch, Pearson / Addison-Wesley
EEE1006F and EEE1007S	Recommended book: Hughes Electrical and Electronic Technology 12th Edition	HUGHES E
MAM1023F/S MAM1024S	Calculus (International Metric Version) 9th Edition	Stewart
MAM1020F/S MAM1021S	Calculus (International Metric Version) 9 th Edition	Stewart
MAM1021F MAM1024F	Calculus (International Metric Version) 9th Edition	Stewart
MAM1042S	Available via course	
MEC1007F MEC1008S	Class notes will be provided	
MEC1002W	Class notes will be provided	
MEC1005W	MacKay, Sustainable Energy – without the hot air. An Introduction to Mechanical Engineering	Available free from www.withouthotair.com Wickert and Lewis

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PHY1012F/S PHY1013F/S	Physics for Scientists and Engineers: A Strategic Approach (4 th Edition) <i>(waiting to hear if this book will be part of the course fees)</i>	Knight
PHY1014F PHY1015S		
STAT 1008F/S	Introstat <i>(students obtain a copy as part of their course fees. You collect it at the beginning of the semester and also receive it as a pdf.)</i>	Underhill and Bradfield