



## Engineering First Year Courses – Textbook information 2026

Course	Textbook	Author/Publisher
CEM1000W	Chemistry: The Molecular Nature of Matter and Change (8 <sup>th</sup> Edition)	Martin Silberberg and Patricia Amateis
CEM1008F	Chemistry: The Molecular Nature of Matter and Change (8 <sup>th</sup> Edition)	Martin Silberberg and Patricia Amateis
CHE1006F and CHE1007S	Basic principles and calculations in chemical engineering (9 <sup>th</sup> Edition)  <b>Recommended book:</b> Elementary Principles of Chemical Processes (3rd Edition) ISBN:0471697591 (Paperback)	Himmelblau, D. M, & Riggs, J. B.  Felder & Rousseau
CIV1007S	<b>Engineering Mechanics Statics 15<sup>th</sup> edition</b>	Hibbeler
CSC1015F	<b>Recommended book:</b> Python Programming: An Introduction to Computer Science (2 <sup>nd</sup> Edition)	John Zelle
CSC1016S	<b>Recommended book:</b> Absolute Java, (International/Fifth edition or later), ISBN: 9780273764793	Walter Savitch, Pearson / Addison-Wesley
EEE1006F and EEE1007S	<b>Recommended book:</b> Hughes Electrical and Electronic Technology 12th Edition	HUGHES E
EEE1008F	<b>Recommended book:</b> Fundamentals of Electric Circuits, Sixth Edition, McGraw- Hill, 2017, ISBN: 978-0-07-802-822-9.	Charles K Alexander, Mathew N O Sadiku
MAM1023F/S MAM1024S	Calculus (International Metric Version) 9th Edition	Stewart
MAM1020F/S MAM1021S	Calculus (International Metric Version) 9 <sup>th</sup> 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	



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MEC1005W	Mackay, Sustainable Energy – without the hot air.  An Introduction to Mechanical Engineering	Available free from <a href="http://www.withouthotair.com">www.withouthotair.com</a> Wickert and Lewis
PHY1012F/S PHY1013F/S	Physics for Scientists and Engineers: A Strategic Approach (4 <sup>th</sup> Edition)	Knight
PHY1014F PHY1015S	<i>(Students will receive an online copy of this book. They should not buy it)</i>	
STAT 1008F/S	Introstat <i>(Students will receive a PDF at the beginning of the semester. Physical copies are only made available upon request)</i>	Underhill and Bradfield