

BME FALL 2016 1A TEXTBOOK LIST

	<p>Department Requirements:</p> <ol style="list-style-type: none"> 1. SYDE 000 Style Manual*Available on Learn 2. <i>A Friendly Introduction to Numerical Analysis</i> Author: Bradie Publisher: Pearson ISBN: 0-13-013054-0 	
BME 101	<p>Intro to Biomedical Engineering Introduction to Professional Engineering in Canada (4th Edition) Author: G. Andrews, et al Publisher: Pearson Canada ISBN: 9780133575224</p> <p><i>Making Sense in Engineering and the Technical Sciences: A Student's Guide to Research and Writing, 4th Edition.</i> Authors: Margot Northey, Judi Jewinski. Publisher: Oxford University Press ISBN: 9780195445848</p> <p>SYDE 000 Style Manual*(available on Learn)</p>	I. Ivkovic
BME 101L	<p>Graphics Laboratory Visualization and Engineering Design Graphics with Augmented Reality (Second Edition) Authors: M. Alcañiz, et al. Publisher: SDC Publications ISBN: 9781585039050</p> <p>Engineering Design and Graphics with SolidWorks 2014(optional) Authors: J. D. Bethune Publisher: Pearson/Peachpit Press ISBN: 9780321993991</p>	I. Ivkovic
SYDE 111	<p>Fundamental Engineering Math 1 <i>Calculus: A Complete Course, 8th Edition</i> Author: Adams & Essex Publisher: Pearson ISBN: 978-0321781079</p>	M. Hadi Zibaenejad
SYDE 113	<p>Matrices and Linear Systems <i>Calculus: A Complete Course, 8th Edition</i> Author: Adams & Essex Publisher: Pearson ISBN: 978-0321781079</p> <p><i>Schaum's Outlines – Linear Algebra, 5th Edition</i> Author: Lipschutz and Lipson Publisher: McGraw-Hill ISBN: 9780071794565 <i>NOTE: This textbook is Recommended</i></p>	A. Scott
BME 121	<p>Digital Computation <i>Microsoft Visual C# 2015: An Intro to Object-Oriented Programming</i></p>	G. Freeman

	Author: Farrell Publisher: Nelson Education ISBN: 9781285860237	
BME 161	Introduction to Engineering Design Engineering Design: A Project-Based Introduction, 4 th Edition Author: Dym, Little and Orwin Publisher: Wiley ISBN: 9781118324585	T. Willett
BME 181	Physics 1 (Statics) <i>Engineering Mechanics – Statics (5th Edition in SI Units) with Study Pack</i> (Study Pack optional) Author: Bedford and Fowler Publisher: Prentice Hall ISBN: 9789810679637	J. Kofman

**This document sets out the standards and practices that are to be followed by students when preparing reports for courses, workshops, and work terms.*