

## SYDE FALL 2016 1A TEXTBOOK LIST

	<p><b>Department Requirements:</b></p> <ol style="list-style-type: none"> <li>1. SYDE 000 Style Manual*Available on Learn</li> <li>2. <i>A Friendly Introduction to Numerical Analysis</i>            Author: Bradie            Publisher: Pearson            ISBN: 0-13-013054-0</li> </ol>	
SYDE 101	<p><b>Intro to Systems Design Engineering</b>  <i>Intro to Biomedical Engineering</i>  <i>Introduction to Professional Engineering in Canada (4th Edition)</i>            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><i>SYDE 000 Style Manual*(available on Learn)</i></p>	I.Ivkovic
SYDE 101L	<p><b>Graphics Laboratory</b>            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(<b>optional</b>)            Authors: J. D. Bethune            Publisher: Pearson/Peachpit Press            ISBN: 9780321993991</p>	I. Ivkovic
SYDE 111	<p><b>Fundamental Engineering Math 1</b>  <i>Calculus: A Complete Course, 8<sup>th</sup> Edition</i>            Author: Adams &amp; Essex            Publisher: Pearson            ISBN: 978-0321880215</p>	S. Speziale
SYDE 113	<p><b>Matrices and Linear Systems</b>  <i>Calculus: A Complete Course, 8<sup>th</sup> Edition</i>            Author: Adams &amp; Essex            Publisher: Pearson            ISBN: 978-0321781079</p> <p><i>Schaum's Outlines – Linear Algebra, 5<sup>th</sup> Edition</i>            Author: Lipschutz and Lipson            Publisher: McGraw-Hill            ISBN: 9780071794565</p> <p><i>NOTE: This textbook is Recommended</i></p>	A. Scott

SYDE 121	<b>Digital Computation</b> <i>Problem Solving with C++, 9<sup>th</sup> edition</i> Author: Savitch Publisher: Addison Wesley ISBN: 9780133591743	David Clausi
SYDE 161	<b>Introduction to Design</b> <i>Engineering Design: A Project-Based Introduction, 4th Edition</i> Author: Dym, Little and Orwin Publisher: Wiley ISBN: 9781118324585	Matt Borland
SYDE 181	<b>Physics 1 (Statics)</b> <i>Engineering Mechanics: Statics, 8<sup>th</sup> Edition</i> Author: Meriam and Kraige Publisher: Wiley ISBN: 9781118807330	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.*