

WINTER 2017

(Unless indicated otherwise, all textbooks and course notes are available from the Bookstore, SCH)

2A SYDE		
SYDE 201	<p>Seminar <i>No textbook required</i></p>	I, Ivkovic
SYDE 211	<p>Advanced Engineering Math 1 (Most textbooks previously purchased for courses in 1A and 1B)</p> <p><i>A Friendly Introduction to Numerical Analysis</i> Author: Brian Bradie Publisher: Pearson Prentice Hall ISBN: 0130130540 <i>(Previously used in 1A & 1B)</i></p> <p><i>Calculus A Complete Course, 8th Edition</i> Author: R. Adams & C. Essex Publisher: Pearson Canada ISBN: 9780321781079 <i>(Previously used in 1A & 1B)</i></p> <p><i>Elementary Differential Equations with Boundary Value Problems with IDE CD Package, 2nd Edition</i> Author: Kohler & Johnson Publisher: Pearson ISBN: 9780321398505 <i>(Previously used in 1B)</i></p> <p><i>Schaums Outlines: Linear Algebra, 5th Ed.</i> Author: Lipschutz and Lipson Publisher: McGraw Hill ISBN: 9780321781079 <i>(Previously used in 1A)</i></p> <p><i>Experiments with MATLAB</i> Free download http://www.mathworks.com/moler/exm/index.html</p> <p><i>Numerical Computing with MATLAB</i> Free download http://www.mathworks.com/moler/index_ncm.html</p> <p>Please note that both of the Molar books are also available in inexpensive soft cover versions from SIAM.</p>	S, Speziale

SYDE 223	<i>Algorithms 4th edition</i> Author: Sedgewick & Wayne Publisher: Pearson ISBN: 032157351x	H. Tizhoosh
SYDE 261	Design, Systems and Society <i>Technology & Society: Social Networks, Power, and Inequality</i> Author: A. Quan-Haase Publisher: Oxford Press ISBN: 978-0-19-901471-2	M, Bristow
SYDE 283	Physics 3 (Electricity, Magnetism & Optics) <i>University Physics, Vol. 2, 13th Edition</i> Author: Young Et Al Publisher: Pearson-Pearson Education Canada ISBN: 9780321898098	G. Savage
SYDE 285	Materials Chemistry <i>TBA</i>	M, Gorbet
SYDE 000	Systems Design Style Manual*	

*Students should purchase the *Style Manual* which has been prepared specifically for Systems Design students. This document sets out the standards and practices that are to be followed by students when preparing reports for courses, workshops, and work terms.