**WINTER 2017**

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Textbooks and Notes</th>
</tr>
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<tbody>
<tr>
<td>SYDE 302</td>
<td>Seminar</td>
<td>No textbook required</td>
</tr>
</tbody>
</table>
| SYDE 312    | Applied Linear Algebra | Linear Algebra and Its Applications, 5th Ed.  
Author: David Lay  
Publisher: Pearson  
ISBN: 9780321385178  

*Friendly Introduction to Numerical Analysis  
Author: B. Bradie  
Publisher: Pearson Prentice Hall  
ISBN: 0130130540  
(Previously used in 1A, 1B and 2A) |
|             |              | S. Birkett          |
| SYDE 352    | Introduction to Control Systems | Lab Manual  
Feedback Control of Dynamic Systems 7Ed  
Author: Franklin, Powell & Emami-Naeini  
Publisher: Pearson  
ISBN: 9780133496598  

(optional)Modern Control Engineering 5Ed  
Author: OGATA  
Publisher: Pearson  
ISBN: 9780136156734  

(optional)Modern Control Systems, 13Ed  
Author: Richard C. Dorf & Robert H. Bishop  
Publisher: Pearson  
| SYDE 352L   |              | Nasser Lashgarian Azad |
| SYDE 362    | Systems Design Workshop 1 | Systems Design Style Manual* |
|             |              | J, Kofman           |

*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.*