

**CBE 770 — Advanced Process Dynamics and Control.  
Model Predictive Control and Moving Horizon Estimation  
Spring 2009**

<b>Homework 1</b> Exercises 1.1, 1.4, 1.5, 1.6, 1.10	<b>Due: Tuesday, January 27</b>
<b>Homework 2</b> Exercises C.1, 1.15, 1.16, 1.17, 1.18, 1.19	<b>Due: Thursday, February 5</b>
<b>Homework 3</b> 1.45, 1.50, 1.51, 1.52, 1.53	<b>Due: Thursday, February 12</b>
<b>Homework 4</b> 1.13, A.30, A.32, 1.20	<b>Due: Thursday, February 19</b>
<b>Homework 5</b> 1.28, 1.31, 1.56, 1.60	<b>Due: Thursday, February 26</b>
<b>Homework 6</b> B.2, B.3, B.4, B.5	<b>Due: Thursday, March 5</b>
<b>Midterm</b>	<b>Monday, March 9</b>
<b>Homework 7</b> 2.4, 2.5, 2.6	<b>Due: Tuesday, April 7</b>
<b>Homework 8</b> 2.7, 2.8	<b>Due: Tuesday, April 14</b>
<b>Homework 9</b> 4.3, 4.8, 4.10, 4.16	<b>Due: Tuesday, April 21</b>
<b>Homework 10</b> 6.1, 6.6, 6.10	<b>Due: Tuesday, April 28</b>
<b>Homework 11</b> 6.15, 6.18, 6.19	<b>Due: Tuesday, May 5</b>
<b>Final</b>	<b>Wednesday, May 13</b>