

IND E 337A/537A  
INTRODUCTION TO MANUFACTURING SYSTEMS  
AUTUMN 2010

<u>Date</u>	<u>Topic</u>	<u>Assignment</u>
9/30	Introduction	
10/05	Manu. Issues/Org.	Find/Read Global Article
10/07	Library Use	ELIC (Rm 310, Engineering library)
10/12		
10/14		
10/19	Time/Motion/Work Sampling/Learning Curve	
10/21	Lean Principles/5S	Global Issues Report due
10/26	Process Flow/Value Stream Map/OPT	Read Goldratt
10/28	Work Sampling Lab	
11/02	UPS Plant Tour	
11/04	Just in Time (JIT)/Group Tech.	Library Report due
11/09	Fluke Plant Tour	Work Sampling Lab due
11/11	Holiday	
11/16	Philips Plant Tour	Read Bicheno OPT Report due
11/18	Genie Industries Plant Tour	Process Flow Report due
11/23		
11/25	Holiday	
11/30	Energy Mgt	
12/02	Boeing Renton Tour	JIT Report due
12/07	Teams/People in Manu./JS Sched/Gantt Chart	
12/09	Boeing Everett Plant Tour	Job Shop Report due
12/14		Bicheno Report due

GRADING: Seven reports/HWs, each 10%, Final report 30%

TEXTS:

Goldratt, E. and Fox, J., "The Goal," North River Press, New York, 1986  
Bicheno, J., "The Lean Toolbox," Picsie Books, Buckingham, England, 1998  
(537 Only) Womack, J. P. and Jones, D. T., "Lean Thinking," The Free Press, New York, 2003

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