

# 2.810 Manufacturing Processes & Systems

(3 3 6)

Fall Lecture Schedule 2013, Room 37-212

	<b>Mondays</b>	<b>2:30 - 4:00</b>		<b>Wednesdays 2:30 - 4:00</b>
<b>Sept.</b>			4	Introduction
	9	How is this part made?	11	Intro to Processes
	16	Process Performance	18	Machining
	23	Machining (teams finalized)*	25	Injection Molding
	30	Thermoforming		
<b>Oct.</b>			2	Sheet Forming
	7	Casting (kits assembled)*	9	Car/Quiz Review
	14	(Holiday)	16	<b>QUIZ I</b>
	21	Intro to Mfg. Systems	23	Assembly (Dan Whitney)
	28	Mfg Time and Rate	30	Process Control (Dave Hardt)
<b>Nov.</b>				
	4	Toyota Production System	6	Supply Chains (Steve Graves)
	11	(Holiday)	13	Progress Reports
	18	Systems Summary	20	<b>QUIZ II</b>
	25	Sustainable Manufacturing	27	Work on Projects
<b>Dec.</b>				
	2	Additive Mfg (John Hart)	4	Preparation for Contest
	9	<b>Contest</b>	11	<b>Clean up &amp; evaluation</b>

---

Instructor: <http://web.mit.edu/2.810/www/>  
Prof. T. G. Gutowski Rm. 35-234 [gutowski@mit.edu](mailto:gutowski@mit.edu)  
Phone: 3-2034

T.A.: Sumant Raykar Rm 35-005 [sraykar@mit.edu](mailto:sraykar@mit.edu)  
Phone: 3-7530

Tech Inst: Bill Buckley Rm 35-110 [bbuckley@mit.edu](mailto:bbuckley@mit.edu)  
Phone: 2-1630

Text; **Manufacturing Engineering and Technology**,  
Kalpakjian and Schmid, 2014 Prentice Hall, 7<sup>th</sup> Edition  
\*team assignments, see webpage for 2.810, go to "Project"