

2.810 Manufacturing Processes & Systems

(3 3 6)

Fall Lecture Schedule (tentative: 9/16/18) 2018, Room 3-333

	Mondays 2:30 - 4:00		Wednesdays 2:30 - 4:00
Sept.			5 Introduction
	10 How is this part made? (3-370)		12 Intro to Processes
	17 Process Performance		19 Machining
	24 Injection Molding		26 Polymer Processing
Oct.			
	1 Additive Mfg. (John Hart video*)		3 Process Control (Dave Hardt)
	8 No Class (Columbus Day)		10 Car/Quiz Review**
	15 Additive Mfg. (John Hart)		17 QUIZ I (Room 3-370)
	22 Intro to Mfg. Systems		24 TPS & Current Practices (J. Pacheco)
	29 Processes/Assembly		31 Time & Variability (Gershwin)
Nov.			
	5 System Tools		7 Progress Reports
	12 No Class (Veterans Day)		14 QUIZ II (Room 3-442)
	19 Supply chains (Steve Graves)		21 Work on Projects
	26 AM start up (Austin Schmidt)		28 Sustainable Mfg.
Dec.			
	3 Digital Mfg. (Brian Anthony)		5 Work on Project
	10 Contest (Lobby 13)		12 Clean up & evaluations

Web: <http://web.mit.edu/2.810/www/>

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Text; **Manufacturing Engineering and Technology,**
Kalpakjian and Schmid, 2014 Prentice Hall, 7th Edition

* <https://www.youtube.com/watch?v=ICjQ0UzE2Ao>

** team assignments, see webpage for 2.810, go to "Project"