

ME 314 - Spring Semester - 2004
Competitive Manufacturing Segment
Course Syllabus

Text: Manufacturing Engineering and Technology, **4th Edition**, 2000

Textbook Authors: Prof. Serope Kalpakjian and Steven Schmid

Lecture room: 174 ME

**Laboratory rooms: 316 ME (Sections 301-303)
314 ME (Section 304)**

<u>Week</u>	<u>Day</u>	<u>Date</u>	<u>Topic</u>	<u>Text</u>	<u>Lab HW Due</u>
1	Mon.	March 14	Lec: "Big Picture of Mfg."	Ch 1	March 31
	Wed.	March 16	Lec: Material Selection	Ch 40	
	Thur.	March 17	Lab: Mat'l Selection		
SPRING RECESS: MARCH 19-27, 2005					
2	Mon.	March 28	Lec: Engr Economics #1	Notes	April 7
	Wed.	March 30	Lec: Engr Economics #2	Notes	
	Thur.	March 31	Lab: Engr Economics # Lab 1		
3	Mon.	April 4	Lec: Engr Economics #3	Notes	April 14
	Wed.	April 6	Lec: Engr Economics #4	Notes	
	Thur.	April 7	Lab: Engr Economics # Lab 2		
4	Mon.	April 11	Lec: Quality #1	Ch 36	
	Wed.	April 13	Lec: Quality #2	Ch 36	
	Thur.	April 14	Lab: Quality		
5	Mon.	April 18	Lec: Environmental Engr	Ch 37	April 28
	Wed.	April 20	Lec: Product Liability Issues	Ch 37	
	Thur.	April 21	Lab: Env. Engr & Prod. Liability		
6	Mon.	April 25	Lec: Micro fabrication #1	Ch 34	
	Wed.	April 27	Lec: Micro fabrication #2	Ch 34	
	Thur.	April 28	Lab: Modern Mfg Processes		
7	Mon.	May 2	Lec: Rapid Prototyping	Ch 19	
	Wed.	May 4	Lec: Advanced Mfg Processes	Ch 26	
	Thur.	May 5	Exam: 2 hours-held during scheduled lab sections.		

Instructional Staff

Course coordinator: Prof. M. DeVries, 164 ME, (O) 262-1808, (H) 222-4678

E-mail: devries@engr.wisc.edu

Students with disabilities are strongly encouraged to inform me, as early as possible, of any needed accommodations.

Lab Instructor

Mr. Keith Tschohl, 327 ME Bldg. (O) 262-7888

E-mail: katschohl@wisc.edu