

ME 314: Competitive Manufacturing Section

Lab Syllabus and Policies, Sections 301-304, Spring 2005

Instructor Information

Lab TA: Keith Tschohl
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Office: 327 Mechanical Engineering Building
Office Hours: 1-3pm Tuesdays in the 2nd floor ME lobby or by appointment. Feel free to track me down outside of scheduled office hours if you have a quick question, or send me an email and we can set up a meeting.

Webpage: <http://courses.engr.wisc.edu/ecow/get/me/314/devries/>

Feedback

The Competitive Manufacturing section of ME 314 is essentially a new course this semester. Although some material (Economic Analysis and Quality) has been covered in past iterations of ME 314, the majority of the course content has not. We'll cover a broad range of interesting topics, but the class might be a little rough around the edges until we find what works and what doesn't work. I welcome any feedback you might have about the course, either verbal, through email, or even an anonymous note in my TA mailbox.

Grading Policy

The following grading policy has been established for this half of the course.

Labs (33%): An assignment related to the lectures and lab will be assigned as lab homework each week, and will be due at the beginning of class each week. Depending on the topic, you may be expected to solve numeric problems, submit a written analysis, or a combination of the two. I strongly encourage group work, but limit your groups to no more than four members and turn in one problem set per group. Late homework will be penalized 10% per week.

Exam (67%): A two-hour, open-book and open-note midterm exam will be held in lab on May 5. Collaboration on the exam is not allowed; you must work individually. Topics from all seven weeks of the course will be covered, with problems drawing from both lecture and lab.

In addition to lab homework, the course instructors may opt to assign short assignments in lecture. These will not be graded, but completing them will help your understanding of the material for the labs and exam.

Syllabus

March 17:	Materials Selection	April 21:	Product Liability
March 31:	Engineering Economy	April 28:	Modern Manufacturing Processes
April 7:	Engineering Economy	May 5:	Exam (2 hours)
April 14*:	Quality		

*EXPO week. Lab room to be determined.