

Lecture Instructor: Assoc. Prof. Bruce H. Adee (badee@u.washington.edu)
Office: MEB 315; Phone: 543-7446
Office Hours: Tuesday 10:50-12:30, Thursday 10:50 -12:30

Course Coordinator: Julia Jones (jhjones@u.washington.edu)
Office: MEB 204; Phone: 543-5238

Teaching Assistants: Tim Proby (tproby@u.washington.edu)
Tom Huang (tomhuang@u.washington.edu)
Office: MEB 230; Phone 543-1987
Office Hours: Posted on lab door and on web

Lecture: Tuesday and Thursday from 9:40 - 10:40 in MEB 238

Lab: MEB 231 on Tuesdays and Thursdays

Section AA & BA: 8:30 - 9:30

Section AB & BB: 10:50 - 11:50

Section AC & BC: 12:00 - 1:00

NOTE: BA thru BC SECTIONS ARE CREDIT/NO CREDIT. You need the equivalent of a 2.4 to get credit for the class. C/NC is not the same as S/NS. C/NC usually will count for VLPA credits. Please check with your department.

Texts:

Graphic Concepts with SolidWorks by R. Lueptow and M. Minbirole, 2nd Edition
Inside SolidWorks 4th Edition by David Murray.

Additional Handouts: Available on web page.

Web page: <http://courses.washington.edu/mengr123>

Supplies: Recommend USB removable, re-writable CD or floppy disks.

Approximate Grading Scheme:

55% - 5 Exams: 3 Lecture; 2 Labs

45% - Homework

Class Goals:

- Achieve fluency in visual communication
- Develop visualization and sketching skills
- Attain working knowledge of engineering drawing and computer tools
- Understand the concepts and develop skill in parametric solid modeling
- Gain experience getting from concept to visual representation to realization

Administrative Issues:

- There are two parts of the homework, a written portion and an electronic portion. The electronic portion is completed using SolidWorks and is turned in electronically. Instructions for submitting the homework can be found under the general homework instructions. The written portion should be filled out in the space provided on the homework and turned into the **wooden** box corresponding to your section in the lab (MEB 231). **If you need to attach additional pages to the homework, staple them together. Points will be deducted for unstapled papers.** Homework is typically assigned each week and **due the following Wednesday by midnight.**
- Save an **archival copy of all of the work you turn in**, so that if any questions arise you have a record of your work or in case we work off of a previous assignment. You will also need to make a backup on your ftp account provided by UW. **FTP all of your files to your CAC account** so there is a copy in case of a problem with your disk. This is to your benefit.
- Late homework will not be accepted except for special circumstances which must be **approved prior** to the assignment due date.
- You may get help on your homework but every student's work must be his or her own. **You may not copy other people's files for ANY reason.** On exams, the work you turn in must be entirely independent. Please refer to the university's Student Code of Conduct available in 476 Schmitz Hall for complete details of the policy on student academic conduct.