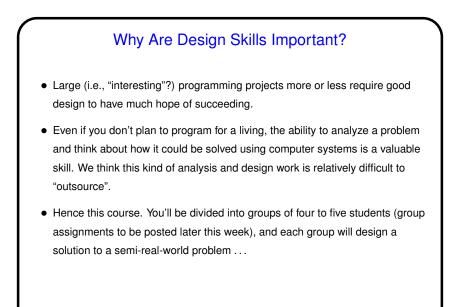


Slide 2



Design Project — Introduction
A perennial problem for our department is scheduling classes in available rooms, because there are lots of constraints to satisfy:
Obvious ones — two courses can't meet in the same room at the same time, one person can't teach two (different) courses at the same time.
Less obvious ones — don't want to schedule two courses likely to have overlapping enrollments at the same time, some courses may need equipment/software only available in one room. Might even want to consider instructor's scheduling preferences (e.g., Dr. Pitts wants T/R classes only).
Your mission for this course is to design a system to help with this problem — and other similar problems.

Slide 4

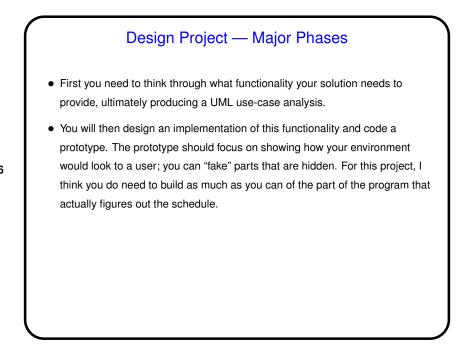
Slide 3

Design Project — Requirements and Constraints

• You have some flexibility in deciding exactly what functionality to provide that's part of the design problem. Real-world problems usually have a "customer", and part of the design problem is figuring out what he/she wants. I'll play that role in this project.

Slide 5

- You also have the following constraints:
 - Your solution should be as cross-platform and portable as possible e.g., no Windows-only or Linux-only solutions.
 - Your solution should not require spending money e.g., if you use existing products/programs, they must be public-domain / free.



Slide 6

