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## *CIS 422/522 Overview*

Projects and Teams

Weekly Schedule

Term Schedule

Grading

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## *Projects*

- 2 projects: 4 weeks, 5 weeks
  - Project 1: HTML 3.2 to CSS
    - Unless you have a better idea ...
    - Same basic requirements for everyone
  - Project 2: TBD
    - You will propose projects
- Technically simple, but high expectations
  - Solid freeware quality
  - Complete product includes internal and external documentation, tests

## Teams

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- Form teams of 4-5 people
  - your choice; optional regroup at midterm
  - the most important decision you will make
- Project grades are group grades
  - Every member responsible for every part
  - Members will evaluate each other (GMEs)

## What is a Great Team?

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- Diverse Skills
  - People skills, communication and writing skills, design skills, implementation skills and knowledge
- Coherence
  - Ability to build and maintain a shared vision
  - Shared expectations
- Mutual Respect and Responsibility
  - You don't *have* to like each other, but you *need* to trust each other — and to earn your teammates trust

## *Diverse Skills (1)*

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- At least one person with experience in team projects, preferably with some management experience.
- At least one person with strong skills in programming and program design, preferably including networking.
- At least one person with strong communication skills and good written English.

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## *Team Roles*

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- Manager: responsible for schedule
  - System architect
  - Quality control
  - Technical documentation
  - User documentation
  - User interface
  - Configuration control (build-master)
- Not 1-1 with people. Backup for each role.*

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## *Weekly Schedule*

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- Monday, Wednesday: Lectures
- Friday: Group meetings, or class discussion/presentations
- Exceptions as required for project schedule and other commitments

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## *Term Schedule*

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- Project 1: 4 weeks
  - Week 1: form teams
  - 2: Project concept document
  - 3: Working prototype
  - 4: Hack like crazy, turn in
- Project 2: 5 weeks + 1 week presentation
  - More requirements elicitation
  - More design documentation

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## *Grading*

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- 60% Projects (25+35)
  - Includes presentations, intermediate deliverables
- 40% Exams (15+25)
  - Midterm is take-home exam