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# *CIS 422/522 Overview*

Projects and Teams

Weekly Schedule

Term Schedule

Grading

# Projects

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- 2 projects, 5 weeks each
  - Project 1: Web site mapper
    - Unless you have a better idea ...
  - Project 2: TBD
    - Suggestions?
- 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.

# *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.*

# *Weekly Schedule*

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- Monday, Wednesday: Lectures
- Friday: Presentation or discussion
- Exceptions as required for project schedule and other commitments

# *Term Schedule*

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- Project 1: 4 weeks + 1 week presentation
  - Week 1: form teams
  - 2: Project concept document
  - 3: First working prototype (GME 1)
  - 4: Hack like crazy (no class), turn in
  - 5: Present project to class (GME 2)
- Project 2: 4 weeks + 1 week presentation
  - More requirements elicitation
  - More design documentation



# Grading

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- 60% Projects (30+30)
  - Includes presentations, intermediate deliverables
- 40% Exams (15+25)
  - Take home midterm?