CS426 Senior Projects

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Catalog description

CS 426 SENIOR PROJECTS (3+0) 3 credits

Supervised group or team projects with emphasis on implementation of engineered design. Prerequisite: CS 425.

Texts

- **Recommended:** *Design Patterns: Elements of Reusable Object-Oriented Software.* A great reference for software engineers.
- **Recommended:** *Rapid Development* by Steve McConnell, Microsoft Press.

Office Hours

- **Sushil:** (SEM 233)
  - ⇝ T: 2:00 - 4:00 p.m.
  - ⇝ And by appointment (send email to sushil@cs.unr.edu to make an appointment)

Whenever I need to communicate with the class as a whole I will update the class web page and/or send email. You are expected to check your email and read the class web page at least once a day.

Course web page: http://www.cs.unr.edu/~sushil/class/426.

Grading

You will be graded on your project's design, implementation, and presentation. Each individual on a team will be graded according to the following formula.

$$\text{Numeric grade} = \frac{1}{m}\sum_{i=1}^{m} d_i + \frac{1}{m}\sum_{i=1}^{m} c_i + \frac{1}{s}\sum_{i=1}^{s} p_i + \frac{1}{n-1}\sum_{i=1}^{n-1} t_i$$

Where n, m, s are the number of members on your team, on your design and code reviews, and on your presentation review, respectively. d_i are the grades from the design review of your design document. The first term is thus the average of grades received from your reviewers. Reviewers will be your team members and one or two members from other teams. c_i are the grades from your code review (same explanation as for design review). p is the grade from your team presentation. This will also be the average of grades obtained from a review panel composed of faculty and team members from other teams. t_i is the grade your i^{th} team member gives you. So the last term in the equation is the average grade you get from your team members.