

# Grading

Grading the the class is as follows:

- **20% Homework**
  - There are homework assignments for nearly every class
  - All homework is "turned in" on the wiki
  - This means that all answers are open for other students to use
  - If you refer to someone else's homework while doing your own, **note that in your assignment!**
    - We encourage this: homework helps you develop the skill-sets needed for the projects.
    - This is to give the other person credit for assisting you
    - We can tell when you use someone's homework and don't give them credit (and will subtract points)
- **30% Midterm Project**
- **35% Final project**
- **15% Class participation**
  - In class attendance and participation
  - Wiki comments
  - Wiki activity
  - Helping other students
  - Number of other students referring to your homework
  - If you have had extra help from another student, please let us know.
- **Peer-review: No Slacker Policy!**
  - Many parts of the class involve group projects.
  - Each member of a group will grade and evaluate teammates
  - These evaluations are the only private part of the class and seen only by the professors
  - Your grade on these projects (homework, midterm, and final) is heavily influenced by your evaluation
  - Your grade on these projects is negatively influenced if you do not submit evaluations of your teammates (**you will lose points!**)
- **Graduate students:**
  - 10% of your final grade is based on:
    - An additional paper
    - Mentoring undergrads
    - Project leadership
  - The general guidelines for this paper are:
    - Be on a class topic to which they directly contributed in the midterm and/or final project
    - Integrate the theme of the class on Frontiers in Massive Data Analysis/Data Driven Science/Data Intensive Science/4th Paradigm
    - Integrate the importance of using cyberinfrastructure
    - Integrate the importance of team science
    - Include references
    - May include reference to specific CI contributed by the student E.g. building specific CI components such as:
      - UA HPC algorithm integration
      - Distributed computing
      - Scalable analytics
      - Data visualization
      - Domain specific workflows
    - Length: 2-3 pages
  - The general guidelines for mentoring are:
    - Come chat with the professors