CS581 Project Presentation Guide, Spring 2025

- *Title Slide*: list the title of your talk along with your name[1]
- *Test Questions Slide*: provide three questions relevant to your subject
    - short answers should suffice
    - somewhere during your talk provide the answers, but do not emphasize them
- *Presenter's Slides*: let others get to know you
    - provide a little information about yourself, your degree program and your advisor
    - describe your interests and goals; show a map and picture(s) of your hometown
    - as examples, students frequently like to mention their pets, their travels, their interests in music and food, even their favorite movies, you name it
- *Outline Slide*: provide a bulleted outline of the rest of your talk[2]
- *Overview Slide*: list important definitions and provide a brief mention of applications
- *History Slide*: discuss major contributors, interesting stories and main developments[3]
- *Algorithms Slides*: describe basic procedures and methodological comparisons
    - this should be the main part of your talk
    - discuss techniques from the most basic to the state-of-the-art
    - use examples and figures whenever possible
- *Applications Slides*: educate the class about amenable problems of interest to you
    - don't get bogged down in too much minutiae
    - once again use examples and figures whenever possible
- *Implementations Slides*: discuss the results of your coding work (if any)[4]
    - compare and contrast the algorithms you implemented
    - make effective use of table and charts
- *Open Issues Slide*: enumerate and discuss a few open questions
- *References Slide*: provide a handful of key citations
- *Discussion Slide*: solicit questions from the class
    - this slide may have only a few bullets – it may even be left blank
    - this is a good opportunity for other students to add to the discussion
    - be ready to prompt some questions if there is silence
    - remember not to repeat answers to your test questions
- *Test Questions Slide Revisited*: show again your original test questions slide
    - students may now complete their answer sheets and hand them to you[5]
    - Tyson will supervise as we applaud your excellent presentation!

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[1] Be sure Tyson has distributed blank answer sheets before you begin.
[2] This is a good time to remind your fellow students to ask questions.
[3] A few pictures may be helpful.
[4] The best projects usually involve coding, but code should almost surely not be shown on your slides.
[5] Each answer sheet is to receive a score between 0 and 3. Promptly grade these sheets and email all scores to Tyson.