Guideline for the End-of-Semester Student Presentation (Presentation #3)
(the number in the parenthesis shows a suggested number of slides on each topic)
Slide 1 (1): Title page
Project Title
ME195B
Group members’ names
Instructor’s name
“Mechanical & Aerospace Engineering Department”
“San Jose State University”
Date

Slide 2 (1): Outline
Motivations
Literature review and/or Market Survey
Objectives and Specifications
XX Design and XX Methodologies
XX Simulation Results
Conclusions
Future work

Slide 3 (3): Motivations and Backgrounds (Why do it, what is its significance/impact)
Slide 4 (4): Literature review (other people’s similar work, disadvantages/advantages)
Slide 5 (2): Objectives and Specifications (What you will do, What to expect uniqueness of your project,
and specifications that define the parameters and performance of your final product – e.g.
dimension, speed, weight, response time, operating condition, accuracy etc.)
Slide 6 (5): Initial and final designs (you can talk about your different designs and how you reach your
final design with graphics using computer drawing tools, no hand drawings; key components
design or selections)
Slide 7 (3): Theories and physical principles behind your designs (with equations, mathematic models,
calculations, simulations, etc.)
Slide 8 (3): (If applicable) Electronics -- e.g., circuits, microcontroller, sensors, control systems used in
your product (how do you design, select, test, and tune them to meet your need)
Slide 9 (3): Provide descriptions for your simulations such as boundary conditions, scenarios etc. and
simulation results and system performance analyses (using contour plots, curves, data, tables etc.)
Slide 10 (3): Prototype / Proof-of-concept – building, assembly, challenges.
Slide 11 (1): Video show (all groups need to show your working device in video)

Slide 12 (1): Conclusions (Technical conclusions on how your final design meets your specifications and
objectives; comment on which things work or don’t work)
Slide 13 (1): Valuable experience gained from ME195A&B and challenges
Slide 14 (1): Future work/ improvement
Slide 15 (1): References
Slide 16 (1): Acknowledgment (sponsored company/organization, individuals, etc.)
A total of 20-22 minutes presentation, plus 5 minutes questions.
Dressing Code: Formal
Notes: