

MAE142 Aerospace Vehicles

Text: None. However, see the main webpage for useful books.

Objective: The course will be directed toward providing you with skills which will enable you to contribute fully to future projects that might arise involving air vehicles.

Grading: [The following is tentative, and we reserve the right to make small changes during the remaining first few weeks.] The course grade will be calculated as follows:

Homework: 16%

Quiz 1: 27%

Quiz 2: 27%

Presentation: 20%

Take-Home Final: 10%

Class Participation Modifier: up to +2%

○ Homework will be due at the time indicated on the assignment. Homework handed in up to two hours late will still be accepted but with a loss of 20% of that homework grade. **The policies regarding due time are strict.**

○ Because of the new **severe** staffing limits, it is likely that not all homework problems will be graded.

○ One homework assignment grade (that with the lowest percentage) will be dropped.

○ The overall grade for the homework portion of the class will be computed simply by summing the non-dropped homework scores. For example, with four assignments receiving grades of 45/50, 39/40, 80/100 and 68/70, the overall homework grade would be 232/260 (i.e., 89.2%).

○ As always, although you may discuss problems together, **the work you hand in must be clearly your own.** This has occasionally led to difficulties in the past, so please take care.

○ The homework assignments and take-home final will require both numerical analysis **and software implementation.**