MEEG 4523 – Astronautics – Distance Ed

Course Policy and Objectives

1) Textbook: Elements of Spacecraft Design, by Charles D. Brown. Available directly from AIAA at www.aiaa.org. Other web-based resources will be utilized.

2) Prerequisites: MEEG 2403 (Thermodynamics) and MEEG 2013 (Dynamics) or consent of instructor.

3) Assignment Schedule: The schedule identifies the material to be studied **prior** to each lecture. The lecture will be designed around the assumption that you have read the material. Not all assigned reading will necessarily be reviewed during class lectures.

4) Tests: Tests will cover the assigned material whether or not discussed in class. The tests will be proctored; you will be responsible for identifying an acceptable proctor and making arrangements for exam times and locations.

5) Homework: Homework assignments are expected to be completed for the class meeting specified at the time of assignment. These problems are for your benefit, as preparation for the exams. The only homework which is to be submitted for grading is the Mars mission design problem (3.20 in the text, with modifications).

6) Presentation: For the mission presentation, you may submit either a video of yourself giving the presentation, or an audio file as a voice-over for the Powerpoint slides.

7) Grades: The course grade will be based on tests, mission design, and presentation. The weighting will be as follows: Tests (2) - 75 percent; mission design and presentation - 25 percent.

8) Academic Honesty: The academic honesty policies described in the Undergraduate Studies Catalog will be strictly adhered to. Please contact me if you have any questions concerning the applications of these policies.

9) Objective: This is a course intended to introduce a wide range of design, performance, and systems issues as applied to spacecraft design.