

ASEN 5007 Introduction to Finite Element Methods - Fall 2009

Homework Assignment #8: Chapter 19 (short HW)

Due Thursday November 5, 2009 (Nov 12 for CAETE students)

Please attach this cover sheet to your returned homework and write your name(s) on it

Three exercises:

19.2, 19.3, 19.4

Grading weights posted at the start of the Exercises.

Exercises 19.3 and 19.4, and the 1D and 3D versions, respectively, make use of the rank-sufficiency rule discussed in §19.4.1 for 2D elements.

Second Midterm Exam Announcement

The second midterm exam, on Part II of the course, will be given Thursday Nov 12 to on-campus students. CAETE students should schedule taking it through their EO according to the instructions on the cover sheet to be emailed to them by CAETE by Nov 10.

Review session on Tuesday Nov 10.

Exam covers: Chapters 11–12, 15–19. Skip Chapter 13. Chapter 14, which formulates the plane stress problem, can be skipped. Omit also any small-print sections (with title marked by asterisk).