

## MA 103 AY09-1 TEE PREP

### Format:

Similar to the WPRS and first writ, technology is available on the entire exam (limited to the use of Excel and Mathematica), the use of a calculator and one 8 ½ x 11 reference sheet. The exam will be approximately 12 pages long and is **500 points**. It is designed to take about 3 hours – with appropriate use of technology. Working by hand will take longer.

### Test Prep Tips:

1. Look at the block objectives, the test questions will be directly related to them. In fact, every one of the block objectives is tested on the TEE (many more than once). Block objectives are generalizations of the lesson objectives, so if a student understands the lesson objectives, they will be sure to understand the block objectives. A comprehensive list of block and lesson objectives is located on the MA103 homepage.
2. Develop a study plan. Read the block objectives and the lesson objectives. Identify terms and concepts that are most unfamiliar to you (“I don’t ever remember hearing the word *equilibrium*”) and the corresponding lesson. Rank order the list from most troublesome to least – prioritize. After prioritizing, put pen to paper and break out the time you need in your schedule to be successful in mastering the material.
3. Solve problems. Math is not a spectator sport. If you watch someone work a right answer, or get AI from your teacher, the material will make sense immediately after. Of course it makes sense – you’ve seen the right answer. The right answer always makes sense – it’s right! You’re not being tested on your ability to recognize the right answer. You’re being tested on your ability to produce the right answer. So, if you think it looks like it makes sense, that’s the time you need to work another problem or three. Check your answers – the solutions to all do problems and exam questions are located on the course website. In the final stages of your review, work problems randomly – out of order. It’s the way they’ll appear on the test, so train as you fight!
  - a. Lesson Do problems, class board sheet problems, and writ/WPR problems are a great place to start. Work blank problems from beginning to end. Working the problems instead of reading over them will help you to understand and apply the skills to problems on the TEE. Also, try to work problems you haven’t solved or don’t remember, this will help to ensure you actually understand the application of your knowledge rather than regurgitating what you remember doing to solve a problem.
  - b. Work in groups. Use the power of your peers to help learn. Organize into groups of 3-4 students that are similar in ability. If you put 4 students together, even if they are not particularly strong, those 4 students can piece together a solution to most of the problems in this course, between knowledge, notes, feedback received on exams, etc. Those students who understand *and can explain the concepts of the course* are likely to perform very well on this exam – take the time to take boards in your peer groups.