

ME101, 2nd Mid-semester exam: Syllabus and how to perform well

Syllabus:

1. All the topics that will be covered in the lectures up to the day before the exam starting from the beginning of the semester (i.e., the 1st mid-semester topics are also included)
2. Reading homework is also included (e.g. , all the chapters that you have read from the Dieter text in the form of home assignments)
3. Understanding of the work done in the computer graphics laboratory may also be tested (e.g., the question we had on the 1st mid-semester regarding the transparent commands)

Comments on the overall performance in the 1st mid-semester exam:

- a. A lack of practice was evident. So, most of you were short on time. Moreover, without practice, your visualization skills had not developed enough. So, most of you could not solve the drawing problems satisfactorily.
- b. Many of you did not read the questions carefully. When asked to draw freehand sketches, many of you used instruments. When asked to draw linetypes, many of you wrote explanatory essays, which is just a waste of precious time in an examination.
- c. To “which of the following five commands ...” you should have just answered a,b,c,d & e, instead of writing out the names of the commands fully and wasting precious time.
- d. When asked to describe in less than 150 words, many of you chose to write as much as possible. The idea is to write the minimum number of words possible.

How to perform well on the exam?

1. Practice is what will make you perfect.
2. Please solve the homework problems yourself.
3. Please use your A4 size plain paper notebook to organize all your drawing practice. This will be helpful for your review before the examination (when you submit your current assignment in that notebook, we will return the same to you very quickly).
4. An understanding of the lectures is the key. Please refer to the outline of the lectures posted on MOODLE. This outline is being updated on a weekly basis.
5. In the examination hall, do not be in a hurry to start writing. Stay calm. First, review the entire question paper carefully. Then, classify the questions into two groups, one set which you are confident of answering correctly, and the other set where you might struggle a bit. Then, plan your time wisely so that you definitely answer the first set of questions fully and satisfactorily, and show enough understanding on the second set of questions so as to maximize the partial credit you may receive.
6. Drawing work must be neat. Try to use the concept of bounding boxes when making orthographic views, and the isometric box when making isometric drawings. You should erase these boxes once you are finished drawing.
7. A good understanding of the Dieter chapters assigned on the homework is a must. Your submission of the summary of Chapter 1 reveals that many of you have not even read the chapter fully.