

Homework Assignments:

Educational Philosophy: There are three ways for a student to learn complex technical subject matter, such as you will encounter in this course. First is by reading. Second is by coming to class and both watching and listening **interactively**. Third is by working selected problems and examples. This course has been carefully designed to integrate at least the first two, and perhaps all three modes of teaching and learning. There may be some material covered in the reading assignments that will **not** also be covered in the classroom, and there is other material **not** covered in the reading assignments that will be covered **only** in the classroom. Students will be held responsible **both** for the content of all assigned readings, *whether or not covered in class*, and also for all classroom material, *whether or not covered in the assigned readings*. To assist you in reviewing both the readings and the classroom materials, and in preparation for the examinations, review questions covering the main points may be provided, and in some cases answers as well. Students are **well advised** to answer review questions in writing, and, where applicable, also to work out solutions to assigned problems in detail before peeking at the answers. The reason for this recommendation is that in first crafting your own answers or your own solutions you will be much more seriously stress-testing your own level of comprehension of the material. Then, when you compare your own answers with those provided by the faculty, you will gain much better insight into any deficiencies in comprehension that you may have. If you look at the answers first, it will go much faster for you, but you will suffer in the depth of learning that you will attain. I treat you as adults by providing the answers up front and trusting you to use good judgment in working through the problems before consulting the answers. Please don't disappoint me.

Types of Assignments: Details of homework assignments for this course are specified in a separate document. In general, a homework assignment may have three components: readings, review questions, and practical exercises. Readings **must** be done on time. Review questions are also extremely important for you to answer prior to the class when they are due. In most cases, your answers to review questions will *not* be collected and graded, but these questions are excellent preparation both for the brief quiz that you may encounter when you come to class and for the lengthier scheduled examinations. Readings, review questions, and practical exercises must all be completed no later than the scheduled due date.

Group Projects: Several projects during the semester, including the Term Project, may be assigned as Group Projects. Any project assigned as a group project **must** be done as a group project. Even if you prefer to work by yourself and are willing to do by yourself all the work required for the project, you must nevertheless join a group to work on any project designated as a group project, and you must also participate as a full partner with your fellow-students in the group. Group members are **advised** to exchange **both** telephone numbers **and** E-mail addresses immediately upon formation of the group, to facilitate inter-member communication (this is a **recommendation**, not a requirement). Each member of the group is responsible for cooperating fully with the other members of the group, and for doing his/her full agreed-upon share of the work *in concert with* the rest of the group. For every group project assignment, the group is required to deliver, along with their written project report, a written Work Breakdown statement, indicating precisely what contribution each member of the group made to the overall project.