CENG 440  Digital Design II  April 2002

Course Outline

CENG 440 is the second course in digital design. The course has three 50 minute lectures sessions per week and four 3 hour lab sessions during the term. Throughout the course, independent thinking, self learning, personal initiative and good engineering practice will be encouraged and rewarded.

The text for the course is Contemporary Logic Design by Randy Katz. This text is the same as that used for Digital Design I. It is expected that chapters 8 to 12 will be covered. You are expected to study and understand the material in the book. The lectures will provide background material and fill in material that may not be covered in the text book. The lectures will not cover material that can be better learned independently from the text.

The project lab for the course complements the lecture material. The project will give you valuable hands-on design, implementation and testing experience with Xilinx products.

Problems will be assigned and solutions will be posted.

You will be expected to be well prepared for both the lectures and the project. This should require about one hour of preparation for every scheduled hour of lectures and labs.

The course will have a 3 hour final exam and two 50 minute. No aids, including calculators, will be permitted during exams.

Course marks will be distributed as follows

    final exam  50%   project  25%   midterms  25%