

ET-460/L
Electronics Project Design and Development
ET-494/L
Applied System Development Project

In this class the student is required to complete a novel project which is to be accompanied by a paper, a presentation and a working model. The project could be a topic not covered in any of the classes in our department. Timely progress will be maintained by the production of a weekly one page progress report. In addition, there will be a special topic which was not covered in any other class and will vary from year to year. The special topic will be digital signal processing. The special topic will consist of a group labs using a new circuit board and software. There are certain from past classes that may be continued for further study and development.

Grades for both classes are based on attendance, weekly progress, presentation and final working model as follows:

Attendance	25%
Special Topic	25%
Presentation	25%
Working Model	25%

Possible projects:

Electronic arts (audio, video, theater special effects)

Lasers

Printed circuit boards

Automotive electronics

Educational videos

Computer interface

Zigbee and Bluetooth

High-end Tube Electronics