

EE3376 – Embedded Systems, UTEP

Department of Electrical and Computer Engineering

Basic Information

Instructors	Eric MacDonald
Office	A310 – new engineering annex
Phone	747-6959
EMAIL	emac@utep.edu
Office hours	9:30-10:15am MW, 9:30 – 11am TR, by appointment on Fridays
Required text	MSP430 Microcontroller Basics by John Davies (available on Kindle)
Lecture notes and lab reference	Powerpoint will be available on website.
Lab Kit	Buy HKN-provided MSP430 lab kit from EE lab across from IEEE
Optional Software	Code Composer Studio (Free Student Version with 16K support)
Prerequisites	EE2372, EE2351
Web page	http://www.ece.utep.edu/courses/web3376/
Lab TA	Elias Jaquez enjaquez@miners.utep.edu - Office TBA

Grading EE3376

Element	Weight	Comment
Exams 1,2, and 3	20% each	Open lecture notes only. Lowest grade may be replaced by final exam.
Home works	10%	Can be worked as teams, each student should turn in own copy. Will not be accepted late.
Final Exam	30%	Comprehensive, Open lecture notes only. Depending on student's performance in EE3176 and the term project, the final may be skipped.

General Policies

If a student requests a deviation from this syllabi for any specific reason (and I agree), the student should send via email a description of the modifications to me for the records.

American Disabilities Act: If you feel you may have a disability that requires accommodations, contact the Disabled Student Services Office at 747-5148 or go to room 106E of the Union.

Final lab project in EE3176 must be done from scratch. Discussions about concepts between students is permitted but code suspected of being copied (other than from the webpage) will be reported to the Dean of Students. No exceptions.

If you have 3 finals on the same day, you can ask for a reschedule of the middle final. If EE3376 is the test, you can request to have the final on dead day after showing printed proof of the three tests on one day.

Academic Dishonesty – See course website for details.

Grading Scale for lab and lecture

100% to 90% = A, 89% to 80% = B, 79% to 70% = C, 69% to 60% = D, <60% = F

No curve will be used, however 5 total points of extra credit will be offered throughout the course.

Homework is not accepted late (see exceptions below). If you miss class, contact the professor or a classmate to find out what work was assigned or if any important announcements were made. The only exceptions for accepting late assignments include a medical emergency requiring hospitalization, jury duty, attendance of a funeral of an immediate member of you family, or official UTEP business. *Documentary proof of any of the above **must be provided before or immediately after the fact.***

Two grading options for EE3376:

- 1) lowest of three exams is replaced by final, so final exam counts for %50 of total. Other two tests count for 20% and replaced exam is 0%.
- 2) if final is the lowest grade of the four exams, no exam is dropped and final counts for only %30.

There are no make-up exams and any missed exam becomes the replaced exam as described in option 1.

Students with 90 or above in the final project of the EE3176 (i.e. no cheating, projects work and students can describe the code operation) have the option of locking in their grade and exempting themselves from the final. However, only option 2 above applies here.

A design contest may be entered with the final term project. The student with the smallest code footprint (as reported by Code Composer Studio) while meeting all requirements for the project will be exempt from the final with an A in both EE3376 and EE3176.