Instructor: Ali Şaman Tosun  
email: tosun@cs.utsa.edu  
Office: NPB 3.334  
Phone: (210) 458-7663  
Class Time: Tuesday, Thursday 11:30 pm - 12:45 pm  
Class Location: MH 3.02.30  
Office Hours: Tuesday, Thursday 2:00 pm- 3:30 pm  
Objectives: In this course you will learn  
1. Basic Microprocessor Architecture  
2. How to read programs in Assembly Language  
3. How to write programs in Assembly Language  
4. Various representations of data  
Prerequisites: CS 2123: Data Structures  
Familiarity with the C programming language  
Recitation: You should register for CS 3841 Section 1 or 2  
Grading: Based on Curve  
Homeworks: 15%  
Recitations: 5%  
Midterm 1: 15% Thursday, September 27  
Midterm 2: 15% Thursday, November 1  
Project: 15% Monday, December 3  
Final: 30% Tuesday, December 11 at 9:45am  
Attendance: 5%  
Topics: Hexadecimal/Binary Math  
Intel Architecture  
Basic Computer Architecture  
Intel x86 Assembly Language, 32 bit  
PE File Format  
Preprocessor/Compilation Process  

This Syllabus is provided for informational purposes regarding the anticipated course content and schedule of this course. It is based upon the most recent information available on the date of its issuance and is as accurate and complete as possible. I reserve the right to make any changes I deem necessary and/or appropriate. I will make my best efforts to communicate any changes in the syllabus in a timely manner. Students are responsible for being aware of these changes.