CIS 21JA - Introduction to x86 Processor Assembly Language

Instructor	Dr. Kamran Eftekhari
Office Hours	TH: 2:30 – 3:30 pm – AT
	MW: 6:00 – 7:50am E35
Phone	(408) 832-4881
Email	eftekharikamran@fhda.edu (best way to reach me outside of class time)

Textbook   *Assembly Language for x86 Processors,* 7th Edition, by Irvine   ISBN: 978-0136022121

Class Website   https://catalyst.deanza.edu/

Student Learning Outcome
Upon completion of the course, you will be able to:
- Discuss assembly language concepts and terminology
- Evaluate computer numeric data representation
- Increase knowledge of architectural components and design of x86 based microprocessors
- Create, link, run, test, and debug programs written in x86 assembly language

Attendance
You are expected to do the reading, the lab assignments, and weekly quizzes outside of class.

In addition,
- During class time the class will discuss and work on the class exercises to come up with the solution, then the solution will be posted after the class meeting time

Once enrolled, if you wish to drop the class, it is *your responsibility to drop the class before the last day to drop.* Otherwise, an appropriate grade will be assigned at the end of the quarter.

Scholarly Conduct
Discussion and exchange of ideas on lab assignments are strongly encouraged. However, each person is expected to complete his/her own computer work. Identical solutions will be given a zero grade.

Copying or cheating during an exam will result in a zero being assigned to the test grade for both parties.

Lab Assignments   There will be 7 assignments, corresponding to the 7 modules of lecture material on Catalyst.
- Each assignment has 2 parts: a theory part and a lab part. Together the 2 parts are worth 30 points.
- Assignments are submitted through Catalyst, and the 2 parts of each assignment are submitted separately. You can choose to submit one part immediately after another, or you can submit them on different days.
- Partial credit will be given for incomplete assignments
- You must submit *both parts* of each assignment *by 11:55pm* on its due date to be considered on time
- If you cannot submit both parts of the assignment on time, late assignments will be accepted. Assignments turned in after the due date will receive a 20% *per weekday* penalty.
- You can also submit your assignment before the due date. It won't be graded until after the due date when everyone has turned in his/her assignment.
- Due dates are shown in the class calendar, on the class website

Quizzes   There is a T/F quiz at the end of each module. The lowest quiz score will be dropped

Exams   There will be 1 midterms and 1 final.
- All exams are *on-campus*, and you must bring a picture ID to the exam.
- Exams are open book, open notes, but no calculator or other electronic devices
- Make up for the midterm will be allowed only with proof of emergency reasons or prior approval. Prior approval must be obtained at least the week before the scheduled exam, and the makeup exam will be given *before* the scheduled exam. The final exam must be taken during the scheduled time, there is no early or late final exam taking.

Grading   Grading is based on the percentage of the total points obtained:

Assignments:	210 points (30 pts, 7 assignments)
Midterms:	85 points
Quizzes:	120 points (7 quizzes, lowest quiz score dropped)
Final:	85 points
Total:	500 points

A+: 97-100%	B+: 87-89%	C+: 77-79%	D+: 67-69%	
A : 93-96%	B : 83-86%	C : 70-76%	D : 63-66%	F : 0-59%
A- : 90-92%	B- : 80-82%		D- : 60-62%	