CPS 260
Programming in Assembly Language

Instructor:	*Mark Hall*	**Semester:**	*Fall 2018*
Office:	*303*	**Lecture:**	*Tue-Thur 2:30 to 3:45 pm*
Phone:	*1-715-261- 6291 (W)*		
	1-715-574-7910 (H)	**Room:**	*303*
E-mail:	*mark.hall@uwc.edu*	**Office Hours:**	*Arranged via appointments*

Course Description

Computer Science 260 is a 3-credit programming ***course in Assembly.***   This course introduces students to assembly programming using the Intel architecture, both 16-bit and 32-bit. The intention of this course is to provide you with a good foundation in how to design and implement good programs in Assembly language. This course assumes that you have had prior experience in a high-level programming language.

We will cover all of the basic programming concepts that you have learned in prior programming courses like expressions, sequence, selection, repetition (control structures), some of the different data structures, and a lot of the basic issues that will crop up.

Textbook and Supplies

Assembly Language for x86 Processors, 7th edition
Kip Irvine (ISBN: 978-0133769401) March 2014

Programming Assignments

Since this is a "Programming" course, it's doubtful that you thought you could get away without doing any programming. (If you did, forget it!) The course is divided into different topic areas, which will have a programming assignment. Please note, however, that this does not mean that you can forget about what was covered before that. The programming assignments will typically require that you draw upon previously covered material, as well as the new stuff. That's the way programming works.

The criteria for grading the programming at the beginning of the course will be divided evenly between *"does it work"* and *"how you did it".*   Stuff like comments, style, "prettiness", and readability fall into the latter category, so be sure that you spend some of your time making the programming assignments look nice: this does count. We will discuss programming style in class.

There are a few things to keep in with respect to grading:

- All Programming assignments will be uploaded to the drop box for that assignment.
    1. Electronic source so I can build and execute
    2. A pdf of source file which I will grade and return.
- **No late submissions are allowed!**
    - If you've got some sort of an exceptional circumstance that requires that the programming assignment be late, you must notify me in writing (email is fine) no less than 24 hours in advance. I reserve the right to decide if your circumstances warrant an extension, and I should warn you that I would be very tough to convince. (I will also ask for documentation of the problem, should it be illness or the like.) If it's absolutely a last-minute crisis, I will hear you out, but I do not want to get in a habit of giving extensions for this type of problem, since you probably shouldn't have put it off until the last minute, anyway.
- Must have access to a computer.

Grading

Participation & Quizzes	10.0%	Number depends on student preparation & participation
Homework	20.0%	End of Each Chapter
Programming Assignments	35.0%	Approximately 10
Exam 1	10.0%	Chapters 1-4
Exam 2	10.0%	Chapter 5-8
Final Exam	15.0%	Comprehensive
Total Possible	100.00%	

Grade	%
A	92
A-	89
B+	87
B	82
B-	79
C+	77
C	72
C-	69
D+	67
D	62
D-	59
F	0

The instructor reserves the right to give scheduled or unscheduled quizzes over material from lecture, lab assignments and textbooks. Exams will test material presented in lectures, and the textbook. Quizzes are also attendance markers; therefore, there are no make-ups for quizzes without a valid excuse.

Instructor's Schedule

Fall 2018 Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 / 8:50					
9:00 / 9:10 / 9:50	CPS 110 P2P 9-9:50 am MTH/MSF	CPS 255 DE 9:10 - 10:25 am	CPS 110 P2P 9-9:50 am MTH/MSF	CPS 255 DE 9:10 - 10:25 am	CPS 110 P2P 9-9:50 am MTH/MSF
10:00 / 10:25 / 10:50					
11:00 / 11:50		CPS 130 DE 11-11:50 am		CPS 130 DE 11-11:50 am	
12:00 / 12:15 / 13:15		Common Hour		Common Hour	
14:30 / 15:45		CPS 260 DE 2:30-3:45 pm		CPS 260 DE 2:30-3:45 pm	

Student Conduct In Class Policy

Any acts of classroom disruption that go beyond the normal rights of students to question and discuss with instructors the educational process relative to subject content will not be tolerated, in accordance with the Academic Code of Conduct described in the Student Handbook.

Children In Class Policy

Only in extreme cases are children allowed in classroom or laboratory facilities, and then only with approval of the instructor prior to class.

Electronic Devices In Class Policy

Cellular phones, pagers, CD players, radios, and similar devices are prohibited in the classroom and laboratory facilities. Calculators and computers are prohibited during examinations and quizzes, unless specified. Reasonable laptop-size computers may be used in lecture for the purpose of taking notes.

Examination Policy

No make-up exams will be allowed without prior arrangements being made. Make-up exams must be taken when scheduled. **No quiz make-ups are allowed.**

Preparing for Examinations: Attend lecture and read the chapters. 100% of the questions are taken directly from the lectures, labs, book, or supplementary reading material.

In Case You Are Late or Absent: It is your responsibility to get the course notes, handouts, and laboratory assignments should you miss class or be late.

Appeals Policy

To appeal a grade, send an email to your instructor's e-mail address within one weeks of the grade having been received. Overdue appeals will not be considered.

Incomplete Policy

Students will not be given an incomplete grade in the course without sound reason and documented evidence as described in the Student Handbook. In any case, for a student to receive an incomplete, he or she must be passing and must have completed a significant portion of the course.

Cheating Policy

Students are expected to uphold the school's standard of conduct relating to academic honesty. Students assume full responsibility for the content and integrity of the academic work they submit. The guiding principle of academic integrity shall be that a student's submitted work; examinations, reports, and projects must be that of the student's own work.

Disabilities Policy

In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to "reasonable accommodations." Please notify the instructor during the first week of class of any accommodations needed for the course.

Welcome to the class!