Computer Science 321 **Spring 1994**

High-Level Language Concepts

Instructor: Michael D. Falkow
Section: 01
Code: 07582
Lecture: Tuesday/Thursday 1130 - 1245 in CS-102A
Office: CS-425
Phone: (714) 773-3293 **Message:** (714) 773-3700

Textbook: Marcotty, Michael and Ledgard, Henry, ***Programming Language Landscape: Syntax/Semantics/Implementation***. Macmillian Publishing Company, 1986.

Prerequisites: In order to take this course, you MUST have completed Computer Science 231 and Computer Science 241 (or their equivalents) with grades of C or better. If you have not, you will be administratively dropped from this class by the Computer Science Department.

Languages: This course will be taught by referencing several languages both real and hypothetical. Therefore, you should be familiar with at least two languages, one of which is a Pascal or Ada-like language.

Coursework: The required coursework for this class is divided into two (2) parts:

Homework Assignments: During this semester, there will be several homework assignments. They will include exercises, diagrams, and essay questions. All essay-type work is to be typed. You will have at least one week to complete a given homework assignment. All assignments will be due at the beginning of class on their respective due dates. Late homework will only be accepted under rare circumstances to be determined on a case-by-case basis.

All work should be appropriately labeled and easy to understand. Remember, the easier it is for me to read, the happier I will be when I grade it.

Exams: There will be three (3) exams: Two (2) Midterm Exams and a Comprehensive Final. All tests will be closed book and closed notes, and they will cover all reading and lecture material. You are to bring a large (8½ by 11) Blue Book to each exam. The final exam will be given on Thursday, May 26, 1994, from 12:00 p.m. until 1:50 p.m. in Room CS-102A. If you miss the final exam, the University regulations governing incomplete grades and unauthorized withdrawals will apply.

Grading Criteria:

Final Course Grades will be determined using the following breakdown:

Homework Assignments:	30%
Midterm 1:	20%
Midterm 2:	20%
Final Exam:	25%
Class Participation/Attendance:	5%

I will drop your lowest homework assignment score. To determine your final grade, I will use a curve system with the following modifications:

100% to 90% guaranteed A
89% to 80% guaranteed at least a B
79% to 70% guaranteed at least a C
69% to 60% guaranteed at least a D

This means that no one will be penalized if the entire class does excellent work. It merely allows me to make adjustments if circumstances warrant them (i.e., a very difficult midterm and the entire class does poorly).

Since this is a junior-level course, your work should not only reflect proper use of the concepts learned in this course, but it should also reflect the proper use of grammar and writing style. I will take this into account when grading your homework and tests. A good rule of thumb will be to prepare your work as if you were going to present it to an employer or customer.

Academic Dishonesty:

Cheating includes, but is not limited to, turning in work that derives from or contains someone else's work. (See the University Regulation section of the CSUF Catalog for a detailed description.) If you have any questions, please ask me. Penalties will apply to **ALL** people involved (even if someone copies your work without your knowledge--so protect your work!) The penalties can range from no credit for the work in question to failure of the course and a written statement being placed in your permanent University record.

Cheating will simply not be tolerated. I believe in an honor system, so I trust you and your work as it stands. If you cheat, all offenders involved will be given an F in the course and a written statement will be placed in your file--No exceptions. I encourage you to study together, but your assignments should be reasonably different from your those in your study group.

Approximate Lecture Schedule

WEEK	LECTURE	TOPIC	CHAPTER
1	2/1	Introduction to the course; requirements and expectations.	
	2/3	Introduction	1
2	2/8	Elements of a Programming Language	2
	2/10	Syntax	3
3	2/15	Syntax	3
	2/17	Syntax	3
4	2/22	Semantics	4
	2/24	Semantics/Translation	5
5	3/1	Translation/References	6
	3/3	References	6
6	3/8	References/Exam Review	6
	3/10	**MIDTERM #1** Covering Chapters 1-6	
7	3/15	Control Structures	7
	3/17	Control Structures	7
8	3/22	Control Structures	7
	3/24	Control Structures	7
9	3/29	Spring Recess	
	3/31	Spring Recess	
10	4/5	Data Types	8
	4/7	New Types	12
11	4/12	Compiled Modules	17
	4/14	Procedures	10
12	4/19	Procedures	10
	4/21	Procedures	10
13	4/26	Procedures/Exam Review	10
	4/28	**MIDTERM #2** Covering Chapters 7, 8, 10, 12 & 17	

Approximate Lecture Schedule

WEEK	LECTURE	TOPIC	CHAPTER
14	5/3	Nesting and Scope	11
	5/5	Nesting and Scope	11
15	5/10	Structures	13
	5/12	Structures/Applicative Languages	14
16	5/17	Exception Handling/Review	15
	5/19	Review/Topics in Computer Science/Putting it all together	
17	***5/26***	***(THURSDAY) 1200-1350 FINAL EXAM CS-102A***	

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Emergency: **(714) 324-0945 (Pager)**
Dial the number where you can be reached (include area code) and press the # sign.

Office Hours:

Tuesday/Thursday 1100 till 1130
1300 till 1400

(Any other time by special appointment)

I am usually on campus Monday through Thursday. If you need to see me, call or stop by my office.