ET 111: "C" Programming (2 credits)
Lecture: JC 205   Sec 1: Monday 11AM   Sec 2: Thursday 6PM
Laboratory: JC 206   Sec 1: Wednesday 11AM to 1PM   Sec 2: Thursday 7PM to 9PM

Professor R.M. Laurie
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    Office Hours: See attachment.

Course Summary
This course will explore the "C" programming language.

Books
Oualline, Steve, *Practical C Programming*, 1993, O'Reilly & Associates

Grades
Scores received from the midterm exam, the final exam, and programming assignments will be used to compute final grades. I encourage students to study together and will not curve scores. Each student must write their own programs. Class attendance is mandatory.

SCORES:		SCALE: (% of points)			
Mid-Term	100	A	93 - 100	C	73 - 76
Final Exam	100	A-	90 - 92	C-	70 - 72
Programs	200	B+	87 - 89	D+	67 - 69
Total =	400	B	83 - 86	D	63 - 66
		B-	80 - 82	D-	60 - 62
		C+	77 - 79	F	59 and below

Programs
After the initial short assignments, a program will be due every two weeks. After you verify that the program works, printout the source code. Have the instructor verify proper execution of the program. The instructor will then sign and date the source code printout to verify that all programming specifications were met. Also print out the output listing. When specified in the programming assignment, a flowchart may be due the week after the program is assigned. In addition to the source code listing, and output listing, submit a brief description of the program specification, how these specifications have been satisfied, and a block diagram of the program. Grading will be 80% objective (results, explanations, conclusions) and 20% subjective (neatness, clarity, conciseness, extra work). The programming assignment is due on the date as noted. If the assignment is late, 20% will be deducted for each workday late. Lab attendance is mandatory. You will receive a zero for the lab if you are absent, unless a valid documented reason is provided.

NOTICE: *If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 405 Cohodas (Tel: 227-1550). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and university guidelines.*

ET 111 Course Schedule - Winter Semester 1997

Date:	Topics:	Read Before Class:
Week 1	Introduction Lab: Windows 95 and Turbo C Overview	
Week 2	Programming Basics, Style, Data Types, Operators, Output Lab Assignment 1 [15 Points]	Chap 1, 2, 3
Week 3	Arrays, Strings, and Input Lab Assignment 2 [15 Points]	Chap 4
Week 4	Decisions and Flowcharts Lab Assignment 3: Decisions = 2 weeks [30 Points]	Chap 5 and handout
Week 5	Loops and Flowcharts Lab Assignment 3 Continued	Chap 5 and handout
Week 6	The Specs, Design, Testing Debugging Lab Assignment 4: Loops = 2 weeks [40 Points]	Chap 6
Week 7	For Loop and Review Lab Assignment 4 Continued	Chap 7
Week 8	*** Mid-Term Exam *** March 14th	
Week 9	Variable Scope and Functions Lab Assignment 5: Functions = 2 weeks [40 Points]	Chap 8
Week 10	The C Preprocessor: #define, #include Lab Assignment 5 Continued	Chap 9
Week 11	Bitwise Operations Lab Assignment 6 = 2 weeks [40 Points]	Chap 10
Week 12	Structures Lab Assignment 6 Continued	Chap 11
Week 13	Simple Pointers Lab: Assignment 7 = 1 week [20 Points]	Chap 12
Week 14	Review Lab: Windows 95 and Turbo C Overview	
	*** FINAL EXAM *** Proposed Monday April 28 Noon to 1:50PM	