

**CS 1073.001 (INTRODUCTORY COMPUTER PROGRAMMING  
FOR SCIENTIFIC APPLICATIONS)  
Fall 2008**

**Course Instructor**

**Name:** A. T. Chronopoulos

**Office:** SB 3.02.16

**Office Hours:** T, Th 11am -12pm and by appointment

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**Course Meetings**

T,Th 14:00 - 15:15 at Room SB 3.02.10A

**Required Textbook**

TM. R. Ellis et al: '*Fortran 90 programming*', Addison-Wesley 1994.

The book is not in the UTSA bookstore and may be bought (used) from Amazon's web site or from the used books stores around the 1604 UTSA campus.

**Course Outline**

Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13.

**Grading**

There will be 4 programming projects computers using Fortran 90 and three (open-book) class-meeting exams and no final exam. Each exam will be on questions from the previously covered chapters only. This means that none of the exams will be comprehensive. Make-up exams will be given only under serious circumstances (e.g. illness). The **course grade** will be based **60% on exams**, **30% on the projects** and **10% on class attendance/participation**.

**Course Policy:**

Students are expected to attend every class. The student is responsible for obtaining material distributed on class days when she/he was absent.

Assignments: Projects will be given in class meetings and they will be due as specified (usually 2-3 weeks later). All assignments are must be handed in on the date due. Late submission of assignments will be accepted only if given extension by instructor.

Academic Dishonesty: Plagiarism and cheating are serious offenses and may be punished by failure on exam, failure in course; and or expulsion from the University. For more information, refer to the "Academic Dishonesty" policy in the UTSA Undergraduate Catalog.

## **Examination Schedule**

- Midterm Exams : 1) September 30 , 2) October 30 , 3) December 2
- Final: No Finals

No makeup exams will be permitted unless you have a valid reason for missing a test. For missed exams , contact the instructor **BEFORE** the exam with your reason.

## **Drop Dates**

For Fall Semester 2008, for undergraduates with fewer than 30 hours, the Drop Date is Wednesday, December 3rd. For all other students, the Drop Date is Tuesday, October 30th.

## **Schedule:**

Week 1 (8/28): Introduction, Chapter 1

Week 2 (9/2, 9/4): Chapter 2 & 3

Week 3 (9/9, 9/11): Chapter 3 & 4

Week 4 (9/16, 9/18): Chapter 4 & 5

Week 5 (9/23, 9/25): Chapter 5, Review

Week 6 (9/30, 10/2): **Midterm 1**, Chapter 6

Week 7 (10/7, 10/9): Chapter 6 & 7

Week 8 (10/14, 10/16): Chapter 7 & 8

Week 9 (10/21, 10/23): Chapter 8 & 9 & 10

Week 10 (10/28, 10/30): Review , **Midterm 2**

Week 11 (11/4, 11/6): Chapter 10

Week 12 (11/11, 11/13): Chapter 13

Week 13 (11/18, 11/20): Chapter 13 & 11

Week 14 (11/25): Review

Week 15 (12/2, 12/4): **Midterm 3** , Course Grades Results and other Presentations