

F. 1992/1993

Computing Science 1570

Introduction to Computing for Business Applications

Instructor : LakshmaREDDY GANTA
Office : J 220
Telephone : 539 - 2850

consultations: **Thursday 11:00 am - 12:00 noon**
Friday 10:00 am - 12 noon **AND**
ANY TIME THAT IS CONVENIENT TO BOTH YOU AND ME

Purpose:

This course introduces Business students to the application of computers to business problems. The primary tools for problem-solving are spreadsheets and high-level-language programming. The student will become familiar with general computing concepts and terminology as well as gaining an understanding and appreciation of the impact that computer technology is having on society. The lab portion of the course will provide students with hands on experience on several popular microcomputer software packages. Introduction to programming in a high level language will be provided.

Calendar Description:

3(3-0-3)UT(3). Introduction to programming in high-level language;Pascal,manipulation and storage of data files,capabilities and limitations of computing systems, and survey of business applications.

Course Outline:

Overview of Computers:History, Hardware(External memory,tapes,disks,data organization. Input and output devices) Software(Operating systems,application programs)

Spreadsheet Software:Basics,Problem solving.

Database concepts.

Programming in a high-level language(Pascal),structured programming, top-down development.

Laboratories:

Lab facilities for this course are located in the A wing. Other locations will be announced if they become available.

Scheduled Labs will begin the week of Sept 6.

Text:

Theory : SHELLY CASHMAN SERIES CUSTOM EDITION;

Lab : 3 HD or DD 3.5" diskettes are required for the lab.

The following may provide additional reference material for the regular user.

Pocket Reference Guides by Sybex Publishing:

DOS (Versions 4.01 or 5.0)
WordPerfect 5.1
Paradox 3.5
Quattro Pro 3

Paradox : A short Course
E. S. Johnston

Marking:	Lab Assignments	35%
	Term Test-1	15%
	Term Test-2	15%
	Final Exam	35%

Special Notes :

- 1) **NO LATE ASSIGNMENTS.**
- 2) The student is responsible for adhering to all requirements as specified for each assignment.
- 3) Generally the first half of each lab is reserved for lecturing on specific application software. The remainder will generally be used as "hands-on" time.