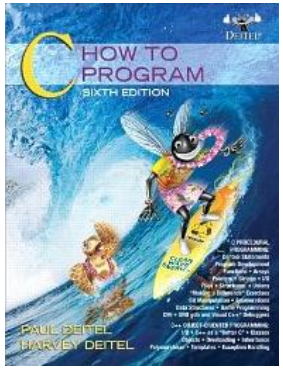
Introduction to Scientific and Engineering Computation (BIL 104E)

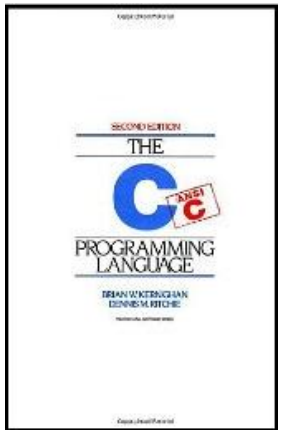
Department of Astranautical Engineering
Room No: 211
Course Web Page: Ninova I.T.U e-learning

Text Book

Sams Teach Yourself C in 24 Hours (2nd Edition)
Tony Zhang (Author), John Southmayd (Author)



C: How to Program (6th Edition)
Paul Deitel (Author), Harvey M. Deitel (Author)



C Programming Language (2nd Edition)
Brian W. Kernighan (Author), Dennis M. Ritchie (Author)

Course Information

Attendence Policy

Attendence is not compulsory.

But if you want to understand this course, attendence is so important.

Grading Policy

%10	2 Homeworks
%20	2 Quizzes
%30	Midterm Exam
%40	Final Exam

No cooperation in homework is tolerated!
(You may help each other on operating system specific matters or compilation problems but **not** on programming.)

Course Information

Homeworks

- Submit your homeworks in hard copy to the locked box on the left hand side of my office door.
- All homeworks must be done individually by yourself.
- Grading will be done based on correctness and clarity of the code and proper execution of the program.

Course Outline

1-) Introduction to C programming
2-) Structure of C programming
3-) Data types and keywords & Handling standart (Input/Output)
4-) Manipulating data & Loops
5-) Conditional operators & Data modifiers and math functions
6-) Controlling program flow
7-) Functions and structural programming
8-) Pointers
9-) Arrays
10-) Character and strings & Scope rules
11-) Allocating memory & Special data types and functions
12-) Structures & Unions
13-) Reading and writing with files & Special file functions