CC112   Structured Programming

COURSE INFORMATION

Prerequisites	Academic Year & Level		Teaching Methods			Credit Hrs.
	Year	Semester	Lecture	Tutorial	Lab.	
CC111	1	2	2	0	2	3

COURSE AIM

Introducing Structured programming techniques associated with the C-Language, used to program most nowadays systems. Studying their application to practical problems with special emphasis on some practical applications concerning different disciplines.

COURSE WEEKLY CONTENTS

1   An introduction to computer and programming.
2   Problem solving skills and software development methods.
3   Data type operators and simple functions.
4   Input/output statements and expressions.
5   Selection structures and switch statements.
6   Selection structures and switch statements continued.
7   Midterm Exam.
8   Repetition and loop statements.
9   Repetition and loop statements continued.
10   Functions and modular programming.
11   Functions and modular programming continued.
12   12th week exam.
13   Arrays applications 1.
14   Arrays applications 2.
15   Multidimensional arrays.

STUDENT GRADING & ASSESSMENT

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	2 0 MIDTERM		1 0				30
8 to 12	1 5 12TH WEEK EXAM		5				20
13 to 15						1 0	10
16 or 17	**40** FINAL						40
Total	75	0	15	0	0	10	100

REFERENCES

Textbook	C How to Program by Paul Deitel, Harvey Deitel, Pearson, latest edition
Other	C Program Design for Engineers by J.Hanly and E. Koffman ,Addison Wesley, latest edition