Kingdom of Saudi Arabia
Ministry Of Higher Education
Majmaah University
Deanship of Quality assurance
and Human Development

Course Specification

(Summary)

1431/1432

Course Specification

Institution majmaah university
College/Department   College of Science in AL-Zulfi Department Computer Science& Information

A- Course Identification and General Information

1. Course title and code: The basics of algorithms cis 244-z
2. Credit hours 3
4. Name of faculty member responsible for the course issa Mohammad alsmadi
5. Level/year at which this course is offered third level
6. Co-requisites for this course (if any) cis 152
7. Location if not on main campus class room & computer lab

B- Objectives

1. Summary of the main learning outcomes for students enrolled in the course.
Daly growth and self-call, then the partition assembly: (algorithms Strassan, fibonacci, hit polynomial) way Electronic Banking Order Baltcoim, Quick Sort, Bubble Sort, arrange the gathering, hash table, binary search, tree search, Albamj Dinmikip, algorithms Grady

C- Course Description (Note: General description in the form to be used for the Bulletin or Handbook should be attached)

1. Topics to be Covered		
List of Topics	No of Weeks	Contact hours
Introduction	2	6
Algorithm analysis	1	3

Divide and conquer	2	6
Recursion	2	6
Sorting algorithm	3	9
Searching Algorithm	3	9
Other Algorithms	2	6

2. Course components (total contact hours per semester):				
Lecture: 45	Tutorial: 15	Laboratory 15	Practical/Field work/Internship no thing	Other :no thing

3. Additional private study/learning hours expected for students per week. (This should be an average :for the semester not a specific requirement in each week)

4. Schedule of Assessment Tasks for Students During the Semester

	exam	week	grade
	Midterm exam	**6**	% 15
	Practical exam	**12**	% 15
	Home work+quiz	**Along the term**	% 10
	Final exam	**16**	% 60

D- E Learning Resources.

2. Essential References Computer Algorithms by Sara Baase	
3- Recommended Books and Reference Material (Journals, Reports, etc) (Attach List) no thing	
4-.Electronic Materials, Web Sites etc	
5- Other learning material such as computer-based programs/CD, professional standards/regulations	

E- Assessment

review internal and external developmental.
- Assessment of students to teacher performance scheduled by questionnaires.
- Assessment of students for the tests and final quarterly through questionnaires.