

COURSE FILE SUMMARY

Course Information			
College / Institute / Centre	<i>Management and Technology</i>	Department	<i>Management Information Systems</i>
Programme Title	<i>Bachelor of Business Administration</i>	Programme Code	<i>E</i>
Course Title	<i>Intro. to Computer Programming</i>	Course Code	<i>S225</i>
# hours	2	2	3
	Lecture	Lab/Tutorial	Credit
Pre Requisites :	<i>S121 Management Information System</i>		

Course Aim
<i>This course is the first step in problem solving and program design. It covers the software development methodology based on the system approach. the course uses a high level programming language (Ex. Java). the course emphasizes programming solutions for business related problems.</i>

Course Objectives
<input type="checkbox"/> <i>To introduce the art and the science of problem solving and computer programming</i>
<input type="checkbox"/> <i>To apply the software development methodology based on the system approach</i>
<input type="checkbox"/> <i>To train students on using java programming language as a high level development programming language</i>
<input type="checkbox"/> <i>To provide the student with basic programming techniques and components including control structure and data structures</i>
<input type="checkbox"/> <i>To train the student on developing computer solution for business related problems</i>

Staff Requirements			
	Qualifications	Special Skills	Number
Lectures	<i>PhD in CS or MIS</i>	<i>Programming Logic</i>	<i>1</i>
Tutorials			
Laboratories / Workshops	<i>BSc in CS or MIS</i>	<i>Programming Logic</i>	<i>1</i>

Lecture Schedule			
Lecture			Description
#	Week	Hrs	
1	1	2	<i>Overview and history of Programming Languages and problem solving techniques.</i>
2	2	2	<i>Program Structure</i>
3	3	2	<i>Flowcharts notations and examples</i>
4	4	2	<i>Flowchart example(Cont.)</i>
5	5	2	<i>Introduction to the Java Programming Language</i>
6	6	2	<i>Data Types</i>
7	7	2	<i>Mid Term Exam</i>
8	8	2	<i>Condition Statements (if - Switch)</i>
9	9	2	<i>For Loops</i>
10	10	2	<i>While Loops</i>
11	11	2	<i>Do...While Loops</i>
12	12	2	<i>12th week Exam</i>
13	13	2	<i>Arrays</i>
14	14	2	<i>Methods</i>
15	15	2	<i>Methods (Cont.)</i>
16	16	2	<i>Final Exam</i>


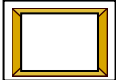







Text Books	
Code*	Description
	<i>Herbert, Schildt. , Java2 The Complete Reference, Mc graw-hill,5th edition,ISBN 007224207</i>

Reference Books	
Code*	Description
	<i>H.M.Deitel and P.J. Deitel,Java2 How to Program ,Prentice Hall , 6th edition, ISBN 0131290142</i>

Tutorial Schedule			
Tutorial			Topic
#	Week	Hrs	
1	1		
2	2		
3	3		
4	4		
5	5		
6	6		
7	7		
8	8		

Code*	Description
*PR: Periodical Model SW: Software AC: Audio Cassette VT: Video Tape OS: Overhead Slide MD:	

Educational Resources

								
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Prepared by :

Approved by :

Designation

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5/2/2008

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