

Course Name	Programming 1		Course Code	112 COMP-3		
Credit Hours	3		Contact Hours	Theory	Lab	Total
				2	2	4
Offered as	<input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input type="checkbox"/> Program Requirement				<input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> Elective	
Offered in	<input checked="" type="checkbox"/> BS - Computer Science <input checked="" type="checkbox"/> BS- Information Technology <input checked="" type="checkbox"/> BS- Computer & Network Engineering					
Level	2 nd Level		Prerequisite	CSC-101		
Course Description: <p>This knowledge area consists of those skills and concepts that are essential to programming practice independent of the underlying paradigm and programming language for the beginners. Specific topics covered include: An Overview of Computers and Programming Languages, Basic Elements of Java, Variables, Types, Operators, Branching Mechanism, Iteration and loops, Methods, and Arrays.</p>						
Course objectives: <ul style="list-style-type: none"> • Give an overview of programming language. • Describe the basic elements of Java. • Make the student understand the different Data types and variables used in Java programming. • Explain the branching mechanism as well as looping concepts for programming. • Provide an overview of Methods and Arrays. 						
Grading	<input checked="" type="checkbox"/> Exam 1	10%	<input type="checkbox"/> Quiz	10%	<input checked="" type="checkbox"/> Assignment(s)	20%
	<input checked="" type="checkbox"/> Final	40%	<input checked="" type="checkbox"/> Lab	20%	<input type="checkbox"/> Attendance	-
Text Book: <ul style="list-style-type: none"> • Allen B. Downey, "Think Java: How To Think Like a Computer Scientist", 5th Edition 2012, ISBN: 						
Reference Book: <ul style="list-style-type: none"> • Savitch, W. J. (2008).Absolute Java. Boston, Mass: Addison-Wesley. 						