

Course Name	<i>JAVA PROGRAMMING LEVEL 1 (SC)</i>	
Course Overview	This is an introductory course to basic OO programming covers the initial part of analyzing the problem to the integration of full program using the correct structure.	
Course Objective	<p>After completing this course, participants will be able to:</p> <ul style="list-style-type: none"> • Analyze a problem by correctly identifying input, process and output using Analysis table specification • Develop algorithm identified by the analysis table and transform to java code. • Construct a full program using Java development environment • Conduct a basic software debugging activity. 	
Target Audience		
Course Outline	COURSE CONTENT/OUTLINE	
	Topic 1:	INTRODUCTION
	Topic 2:	VARIABLES
	Topic 3:	SEQUENTIAL
	Topic 4:	SELECTION
	Topic 5:	LOOP CONSTRUCT
	Topic 6:	METHOD
	Topic 7:	CLASS AND OBJECT
	Topic 8:	UML CLASS DESIGN
	Topic 9:	ENCAPSULATION AND CONSTRUCTOR
	Topic 10:	INHERITANCE
	Topic 11:	SINGLE ARRAY
	Topic 12:	TWO DIMENSIONAL ARRAY
Duration		