* [My Account](https://idb-bisew.info/login.html)
* [Log Off](https://idb-bisew.info/Account/LogOff)

**Project Information System**

[](https://idb-bisew.info/)

* [Home](https://idb-bisew.info/)
* [Reference](https://idb-bisew.info/CourseClass)
* [Daily Activity](https://idb-bisew.info/CourseClass)
* [Assessment](https://idb-bisew.info/CourseClass)
* [Invoice](https://idb-bisew.info/CourseClass)

**DAG [Delivery and Assessment Guide]**

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**DAG**

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| 2 | Module05 | STCESADJ2EE 501 | **2. Object Orientation**  The fundamental concepts of object-orientation • The justifications for an object-oriented approach • Introduction to case study scenarios with and without a previous computerized system | 06/11/2018 | 11/11/2018 |  |
| 3 | Module05 | STCESADJ2EE 501 | **3. Modelling Concept**  What is meant by a model • The distinction between a model and a diagram • The UML concept of a model • Activity Diagram and It’s purpose • About the Unified Software Development Process • How phases relate to workflows in an iterative life cycle • An approach to system development • Major activities in the development process | 07/11/2018 | 12/11/2018 |  |
| 4 | Module05 | STCESADJ2EE 502 | **4. Requirement Capture**  Requirement Capture The distinction between the current and required systems • When and how to apply the main fact finding techniques • The roles played by users • The need to document requirements • Use Case diagram and it’s uses in document Requirements | 08/11/2018 | 13/11/2018 |  |
| 5 | Module05 | STCESADJ2EE 502 | **5. Requirements Analysis**  Why we analyse requirements • Technical terms used with class diagrams • a detailed model of user requirements • How to realize use cases with collaboration diagrams and class diagrams • Boundary , Control and Entity Classes | 10/11/2018 | 14/11/2018 |  |
| 6 | Module05 | STCESADJ2EE 502 | **6. Class Diagram**  Boundary , Control and Entity Classes • How the CRC technique helps identify classes and allocate responsibilities • How the UML class diagram expresses • Stereotypes | 11/11/2018 | 17/11/2018 |  |
| 7 | Module05 | STCESADJ2EE 502 | **7. Class Diagram**  Class and Instance Symbol • Association , Links, Multiplicity and operations • Requirement Analysis for the Case Study Agate Ltd | 12/11/2018 | 18/11/2018 |  |
| 8 | Module05 | STCESADJ2EE 503 | **8. Refining the Requirements Model**  What is meant by a component • How generalization and aggregation help to develop reusable components • How to identify generalization and composition • How to model generalization and composition • What is meant by the term pattern • What types of patterns can be used in software development | 13/11/2018 | 19/11/2018 |  |
| 9 | Module05 | STCESADJ2EE 503 | **9. Object Interaction**  How to develop object collaboration from use cases • How to model object collaboration using an interaction sequence diagram • How to model object collaboration using an interaction collaboration diagram • How to cross-check between interaction diagrams and a class diagram | 14/11/2018 | 20/11/2018 |  |
| 10 | Module05 | STCESADJ2EE 503 | **10. Specifying Operations**  About the role of operation specifications • What is meant by “Contracts” • About algorithmic and non-algorithmic techniques, and how they differ • How to use: • Decision Tables | 15/11/2018 | 22/11/2018 |  |
| 11 | Module05 | STCESADJ2EE 503 | **11. Specifying Controls**  How to identify requirements for control in an application • How to model object life cycles using statecharts • How to develop statechart diagrams from interaction diagrams • How to model concurrent behaviour in an object • How to ensure consistency with other UML models | 17/11/2018 | 23/11/2018 |  |
| 12 | Module05 | STCESADJ2EE 504 | **12. Moving into design**  The difference between analysis and design • The difference between logical and physical design • The difference between system and detailed design • The characteristics of a good design • The need to make trade-offs in design | 18/11/2018 | 24/11/2018 |  |
| 13 | Module05 | STCESADJ2EE 504 | **13. System Design**  The major concerns of system design • The main aspects of system architecture, in particular what is meant by subdividing a system into layers and partitions • How to apply the MVC architecture | 19/11/2018 |  |  |
| 14 | Module05 | STCESADJ2EE 504 | **14. Object Design**  Which architectures are most suitable for distributed systems • How design standards are specified • How to apply criteria for good design How to design associations • The impact of integrity constraints on design • How to design operations • The role of normalization in object design | 20/11/2018 |  |  |
| 15 | Module05 | STCESADJ2EE 504 | **15. Design Patterns & Implementation**  What types of patterns have been identified in software development • How to apply design patterns during software development • The benefits and difficulties that may arise when using patterns About tools used in software implementation • How to draw component diagrams • How to draw deployment diagrams • The tasks involved in testing a system | 21/11/2018 |  |  |
| 1 | Module01 | STCESADJ2EE 101 | **1.Demonstrate overall understanding of the programming process**  **Defining the problem • Developing and refining algorithm with the aid of flowcharts • Coding , debugging, testing and documenting** | 03/05/2018 | 03/05/2018 |  |
| 2 | Module01 | STCESADJ2EE 101 | **2. Demonstrate understanding of the main features of structured programming**  Modular programming and its implementation approaches • Top-down programming and Structure Charts, Flowcharts Vs. Structure Charts and Coding of Modules • Programming structures (Sequences, Loop and Selection structure) • Significance of GoToLess programming | 05/05/2018 | 05/05/2018 |  |
| 3 | Module01 | STCESADJ2EE 101 | **3. Apply skills in structured pseudocode and control processing**  Pseudocode and various looping structures • Value comparison and sorting • Combining conditions and use of Boolean Algebra, Truth Tables and Order of comparison • Commonly used Input editing • Error routines, End-of-file checking techniques | 06/05/2018 | 06/05/2018 |  |
| 4 | Module01 | STCESADJ2EE 102 | **4. Apply skills in structured pseudocode and control processing**  Pseudocode and various looping structures • Value comparison and sorting • Combining conditions and use of Boolean Algebra, Truth Tables and Order of comparison • Commonly used Input editing • Error routines, End-of-file checking techniques | 07/05/2018 | 07/05/2018 |  |
| 5 | Module01 | STCESADJ2EE 102 | **5. Understanding complex combination of condition**  Short descriptions of complex combinations of condition | 08/05/2018 | 08/05/2018 |  |
| 6 | Module01 | STCESADJ2EE 102 | **6. Demonstrate the concept of tables (arrays)**  Use of discrete and segmented tables of fixed and variable size. • Ordering argument table and searching • Declaring tables and using table files, multidimensional tables • Sequential binary searches | 09/05/2018 | 09/05/2018 |  |
| 7 | Module01 | STCESADJ2EE 103 | **7.HTML Basics ,Primary Structure and Sections**  HTML5 Overview ,Recommendation,A few best practices,HTML Document Structure,Differences Between HTML 4 and HTML5, DOCTYPEs,Inline vs. Block-level Elements,HTML Comments,Attributes ,I18n (Internationalization),Global (HTML5), Data Attributes,Basic Data Types,Character Entities address,body,HTML5 and the body Element,div,h1, h2, h3, h4, h5, h6,hr | 10/05/2018 | 10/05/2018 |  |
| 8 | Module01 | STCESADJ2EE103 | **8. Document Head ,List**  base,head,link,meta,style,HTML5 and the style Element ,title, Nested Lists,dd,dl,When Can You Use a Definition List? ,HTML5, the dl Element, and Dialogue dt,li,HTML5 and the li Element,ol,UL, | 12/05/2018 | 12/05/2018 |  |
| 9 | Module01 | STCESADJ2EE103 | **9.Text**  Anchor(a),simple link to another resource,link to subpage,link up a level or two,link with absolute path,link to e-mail address, abbr, acronym,b,bdo,big,blockquote,br,cite,code,del,dfn,em,i,ins,kbd,p,pre,q,samp,small,strong,sub,sup,tt,var | 13/05/2018 | 13/05/2018 |  |
| 10 | Module01 | STCESADJ2EE 103 | **10.Embedded Content (Images and Objects)**  area,img,attributes of img,map,object,Object vs. Embed,param, | 14/05/2018 | 14/05/2018 |  |
| 11 | Module01 | STCESADJ2EE104 | **11. Forms**  button,Attributes in Detail,fieldset,form details, checkbox,,form element,input element,lebel,legend,optgroup,option,select,textarea, | 16/05/2018 | 15/05/2018 |  |
| 12 | Module01 | STCESADJ2EE 104 | **12. Tabular Data. Frames**  caption,col,colgroup,table,tbody,td,tfoot,th,thead,tr, Frame,Frameset,iframe,noframes, | 17/05/2018 | 16/05/2018 |  |
| 13 | Module01 | STCESADJ2EE 104 | **"13.Primary Structure and Sections. Text,Embedded Content (Images, Media, and More),forms,Interactive Elements",**  article,aside,footer,header,hgroup,nav,section,figcaption,figure,mark,meter,progress,rp,rt,ruby,time,wbr, audio,canvas,embed,source,video,datalist,keygen,output,command,details,menu | 19/05/2018 | 17/05/2018 |  |
| 14 | Module01 | STCESADJ2EE104 | **14.Demonstrate CSS Basics,Create Style-Sheets, Colour the document using CSS,Manipulate fonts using CSSm,Format text using CSS**  Introduction • A brief demonstration on CSS theory • Adding Style Inline • Using embedded style • Creating linked style sheet • Importing style sheets • Commenting and formatting CSS • Demonstrate colour and CSS • Adding colour to backgrounds • Spice up a TABLE using background col Applying FONT FAMILIES to text • Sizing fonts • Font WEIGHT and STYLE • Colour a text • Align text • Apply skills on text decoration | 20/05/2018 | 19/05/2018 |  |
| 15 | Module01 | STCESADJ2EE105 | **15. Bootstrap Overview,Bootstrap Environment Setup ,Bootstrap Grid System ,Bootstrap CSS Overview**  Bootstrap Overview,Bootstrap Environment Setup ,Bootstrap Grid System ,Bootstrap CSS Overview | 21/05/2018 | 20/05/2018 |  |
| 16 | Module01 | STCESADJ2EE105 | **"16.Bootstrap Typography ,Bootstrap Code ..Bootstrap Tables .Bootstrap Forms ,Bootstrap Buttons ,Bootstrap Images Bootstrap Helper Classes "**  Bootstrap Typography ,Bootstrap Code ..Bootstrap Tables .Bootstrap Forms ,Bootstrap Buttons ,Bootstrap Images Bootstrap Helper Classes | 22/05/2018 | 21/05/2018 |  |
| 17 | Module01 | STCESADJ2EE105 | **17.Bootstarp Responsive Utilities ,Bootstrap Glyphicons ,Bootstrap Dropdowns .Bootstrap Button Groups,Bootstrap Button Dropdowns .Bootstrap Input Group**  Bootstarp Responsive Utilities ,Bootstrap Glyphicons ,Bootstrap Dropdowns .Bootstrap Button Groups,Bootstrap Button Dropdowns .Bootstrap Input Groups .. | 23/05/2018 | 22/05/2018 |  |
| 18 | Module01 | STCESADJ2EE106 | **18.Bootstrap Navigation Elements ,Bootstrap Navbar .Bootstrap Breadcrumb . Bootstrap Pagination Bootstrap Label,Bootstrap Jumpotron "**  Bootstrap Navigation Elements ,Bootstrap Navbar .Bootstrap Breadcrumb . Bootstrap Pagination Bootstrap Label,Bootstrap Jumpotron | 24/05/2018 | 23/05/2018 |  |
| 19 | Module01 | STCESADJ2EE106 | **19.Bootstrap Page Header ,Bootstrap Thumbnails ,Bootstrap Alerts .Bootstrap Progress Bars ,Bootstrap Media Object ,Bootstrap List Group .Bootstrap Panels .Bootstrap Wells "**  Bootstrap Page Header ,Bootstrap Thumbnails ,Bootstrap Alerts .Bootstrap Progress Bars ,Bootstrap Media Object ,Bootstrap List Group .Bootstrap Panels .Bootstrap Wells | 26/05/2018 | 24/05/2018 |  |
| 20 | Module01 | STCESADJ2EE106 | **20.Bootstrap Plugins Overview .Bootstrap Transition Plugin .,Bootstrap Modal Plugin ..Bootstrap Dropdown Plugin .Bootstrap Tab Plugin .Bootstrap Tooltip Plugin .Bootstrap Popover Plugin ..Bootstrap Button Plugin,Bootstrap Collapse Plugin .**  Bootstrap Plugins Overview .Bootstrap Transition Plugin .,Bootstrap Modal Plugin ..Bootstrap Dropdown Plugin .Bootstrap Tab Plugin .Bootstrap Tooltip Plugin .Bootstrap Popover Plugin ..Bootstrap Button Plugin,Bootstrap Collapse Plugin . | 27/05/2018 | 27/05/2018 |  |
| 21 | Module01 | STCESADJ2EE 105 | **Demonstrate knowledge on JavaScript , Demonstrate some samples of JavaScript**  Basic usage of JavaScript in a web page • Apply skills on JavaScript into your HTML Pages • Demonstrate advantages pf JavaScript in comparison with HTML • Apply skills on alerting the viewer • Apply skills on prompting a reaction • Change Background Colours • Demonstrate knowledge on generated JavaScript | 28/05/2018 | 28/05/2018 |  |
| 22 | Module01 | STCESADJ2EE 105 | **18.Demonstrate knowledge on literals**  Demonstrate Numbers • Scientific Notations • Hexadecimal Literals • Strings • The Escape Sequence for Strings • Boolean Values • Calculations and Concatenations • Objects as Literals | 29/05/2018 | 29/05/2018 |  |
| 23 | Module01 | STCESADJ2EE 105 | **19.Demonstrate knowledge on literals,Gain knowledge on Variables**  Functions as literals • Undefined and Null Values • Regular Expression Literals • Declaring and Naming • Global and Local Variables • Primitive and Compound Data | 30/05/2018 | 30/05/2018 |  |
| 24 | Module01 | STCESADJ2EE105 | **20.Demonstrate knowledge on literalsGain knowledge on Variables**  Functions as literals • Undefined and Null Values • Regular Expression Literals • Declaring and Naming • Global and Local Variables • Primitive and Compound Data | 31/05/2018 | 31/05/2018 |  |
| 25 | Module01 | STCESADJ2EE105 | **21.Demonstrate Arrays and Operator**  Demonstrate arrays • Setting up and array • Array properties and methods • Array length • Functions of array object • Operators in JavaScript | 04/06/2018 | 04/06/2018 |  |
| 26 | Module01 | STCESADJ2EE108 | **22. Apply skills on sequenced statements**  Variable Declaration and Assignments • Function Definitions • Function Calls • Increment/Decrement Statements | 05/06/2018 | 05/06/2018 |  |
| 27 | Module01 | STCESADJ2EE108 | **27.Apply skills on branching statements**  Apply skills on conditional structures • Demonstrate the if statements • Demonstrate the else keyword • Demonstrate the else if convention • Apply skills on using switch, case and break | 06/06/2018 | 06/06/2018 |  |
| 28 | Module01 | STCESADJ2EE108 | **28. Demonstrate loops**  Demonstrate loops | 07/06/2018 | 07/06/2018 |  |
| 29 | Module01 | STCESADJ2EE109 | **Demonstrate loops**  Demonstrate the with statement • Demonstrate the label and continue statements • Demonstrate nested loops | 09/06/2018 | 09/06/2018 |  |
| 30 | Module01 | STCESADJ2EE109 | **Apply skills on using functions in JavaScript**  Apply skills on methods and functions • Apply skills on creating functions • Firing functions with event handlers • Demonstrate event categories • Load Events • Apply skills on form-related events • Demonstrate the return statements • Apply skills on using functions as data | 10/06/2018 | 10/06/2018 |  |
| 31 | Module01 | STCESADJ2EE109 | **27. Apply skills on using functions in JavaScript,Demonstrate object and hierarchies**  Apply skills on using the function CONSTRUCTOR • Apply skills on using function literals • Demonstrate properties in functions • Demonstrate hierarchy of objects in JavaScript • Demonstrate user-defined objects • Demonstrate built-in objects and their properties • Demonstrate key build-in object methods | 11/06/2018 | 11/06/2018 |  |
| 32 | Module01 | STCESADJ2EE109 | **28. Demonstrate object oriented programming in JavaScript**  Demonstrate object oriented programming in JavaScript | 12/06/2018 | 12/06/2018 |  |
| 0 |  |  | Review class for Eid holidays | 23/06/2018 |  |  |
| 0 |  |  | Review class for Eid holidays | 24/06/2018 |  |  |
| 0 |  |  | Review class for Eid Holidays | 25/06/2018 |  |  |
| 0 |  |  | Review class for Eid Holidays | 26/06/2018 |  |  |
| 0 |  |  | Review class for Eid Holidays | 27/06/2018 |  |  |
| 33 | Module01 | STCESADJ2EE109 | **29.Demonstrate using frames with JavaScript**  Gain knowledge on the windows as a complex object • Demonstrate the frame elements and attributes • Setting up the frameset • Apply skills on all available concept and examples related | 28/06/2018 | 28/06/2018 |  |
| 34 | Module01 | STCESADJ2EE109 | **30. Demonstrate event handlers**  Demonstrate event handlers | 30/06/2018 | 01/07/2018 |  |
| 35 | Module01 | STCESADJ2EE 108 | **31. Apply skills on using Forms with JavaScript**  Apply skill on using many types of FORM elements in HTML • Apply skills on passing data between forms and variables • Demonstrate forms and elements • Apply skills on addressing and naming forms • Apply skills on passing hidden text and unseen data between pages | 01/07/2018 | 02/07/2018 |  |
| 36 | Module01 | STCESADJ2EE 108 | **31.Save time and memory with Cookies**  Demonstrate what are cookies and how are they used • Apply skills on putting cookies to work • Create a Cookie • Reading Cookies • Add More Attributes • Getting Information and Giving It Back • Delete Cookies | 02/07/2018 | 03/07/2018 |  |
| 37 | Module01 | STCESADJ2EE 108 | **32. Apply skills on a complete user response web page**  Evaluating the user response • Navigate to the user input site • Use built-in Objects | 03/07/2018 | 04/07/2018 |  |
| 38 | Module01 | STCESADJ2EE 110 | **33. Apply skills on storing data in objects, Create script for user data validation and searching record from object in web page Apply skills on sequenced statements**  Define, create, customize & store data in objects • Confirm the Data is valid using validation Statements in JavaScript • Search a specific record in object | 04/07/2018 | 05/07/2018 |  |
| 39 | Module02 | STCESADJ2EE 201 | **1. Introduction**  Describing the Life Cycle Development Phases Defining a Relational Database • Discussing the Theoretical, Conceptual, and Physical Aspects of a Relational Database • Describing How a Relational Database • Management System (RDBMS) Is Used to Manage a Relational Database • Describing the Oracle Implementation of Both the RDBMS and the Object Relational Database Management System (ORDBMS) • Describing How SQL Is Used in the Oracle Product Set | 05/07/2018 | 07/07/2018 |  |
| 40 | Module02 | STCESADJ2EE 201 | **2. Writing Basic Select Statements**  Describing the SQL Select Capabilities • Executing a Basic Select Statement with the Mandatory Clauses • Operators, Literals and Row Duplication | 07/07/2018 | 08/07/2018 |  |
| 41 | Module02 | STCESADJ2EE 201 | **3. Writing Basic Select Statements**  Operators, Literals and Row Duplication • Differentiating Between SQL and iSQL\*Plus Commands • Apply SQL Command using iSQL \*Plus | 08/07/2018 | 09/07/2018 |  |
| 42 | Module02 | STCESADJ2EE 202 | **4. Restricting and sorting Data**  Limiting the Rows Retrieved by a Query • Sorting the Rows Retrieved by a Query Substition variable | 09/07/2018 | 10/07/2018 |  |
| 43 | Module02 | STCESADJ2EE 203 | **5. Restricting and sorting Data**  Limiting the Rows Retrieved by a Query • Sorting the Rows Retrieved by a Query Substition variable | 10/07/2018 | 11/07/2018 |  |
| 44 | Module02 | STCESADJ2EE 202 | **6. Single- Row Function**  Using a Variety of Character, Number, and Date Functions in SELECT Statements • Explaining What the Conversion Functions Are and How They Are Used | 11/07/2018 | 12/07/2018 |  |
| 45 | Module02 | STCESADJ2EE 202 | **7. Single- Row Function**  Explaining What the Conversion Functions Are and How They Are Used • Using Control Statements | 12/07/2018 | 14/07/2018 |  |
| 46 | Module02 | STCESADJ2EE 202 | **8. Displaying Data from Multiple Tables**  Writing SELECT Statements to Access Data from More Than One Table • Describing the Cartesian Product | 14/07/2018 | 15/07/2018 |  |
| 47 | Module02 | STCESADJ2EE 202 | **9. Displaying Data from Multiple Tables**  Describing and Using the Different Types of Joins • Writing Joins Using the Tips Provided | 15/07/2018 | 16/07/2018 |  |
| 48 | Module02 | STCESADJ2EE 202 | **10. Aggregating data using Group functions**  Identifying the Different Group Functions Available • Explaining the Use of Group Functions | 16/07/2018 | 17/07/2018 |  |
| 49 | Module02 | STCESADJ2EE 202 | **11. Aggregating data using Group functions**  Explaining the Use of Group Functions • Grouping Data by Using the GROUP BY and HAVING Clause | 17/07/2018 | 18/07/2018 |  |
| 50 | Module02 | STCESADJ2EE 202 | **12. Writing Subqueries**  Describing the Types of Problems That Subqueries Can Solve • Describing Subqueries • Listing the Types of Subqueries | 18/07/2018 | 19/07/2018 |  |
| 51 | Module02 | STCESADJ2EE 202 | **13. Writing Subqueries**  Writing Single-Row and Multi-Row Subqueries • Describing and Explaining the Behavior of Subqueries When NULL Values Are Retrieved | 19/07/2018 | 21/07/2018 |  |
| 52 | Module02 | STCESADJ2EE 202 | **14.Using Set Operators**  Describing the Set Operators • Obeying the Set Operators Rules and Guidelines • Using a Set Operator to Combine Multiple Queries into a Single Subquery • Controlling the Order of Rows Returned | 21/07/2018 | 22/07/2018 |  |
| 53 | Module02 | STCESADJ2EE 202 | **15. Manipulating Data**  Describing Each Data Manipulation Language (DML) Command • Inserting Rows into a Table • Updating Rows in a Table | 22/07/2018 | 26/07/2018 |  |
| 54 | Module02 | STCESADJ2EE 202 | **16. Manipulating Data**  Deleting Rows from a Table • Merging Rows into a Table • Controlling Transactions | 26/07/2018 | 28/07/2018 |  |
| 55 | Module02 | STCESADJ2EE 202 | **17. Manipulating Data**  Describing Transaction Processing • Describing Read Consistency and Implicit and Explicit Locking | 28/07/2018 | 29/07/2018 |  |
| 56 | Module02 | STCESADJ2EE 203 | **18. Creating and Managing Tables**  Describing the Main Database Objects • Creating Tables • Describing the Oracle Data Types | 29/07/2018 | 30/07/2018 |  |
| 57 | Module02 | STCESADJ2EE 203 | **19. Creating and Managing Tables**  Altering Table Definitions • Dropping, Renaming, and Truncating Tables | 30/07/2018 | 31/07/2018 |  |
| 58 | Module02 | STCESADJ2EE 203 | **20. Constraints**  Describing Constraints | 31/07/2018 | 01/08/2018 |  |
| 59 | Module02 | STCESADJ2EE 203 | **21. Constraints**  Creating and Maintaining Constraints | 01/08/2018 | 02/08/2018 |  |
| 60 | Module02 | STCESADJ2EE 203 | **22. Creating Views**  Describing Views and Their Uses • Creating a View • Retrieving Data by Means of a View • Inserting, Updating, and Deleting Data Through Views • Dropping Views • Altering the Definition of a View • Inline Views • Top N Analysis | 02/08/2018 | 04/08/2018 |  |
| 61 | Module02 | STCESADJ2EE 203 | **23. Other Database Objects**  Creating, Maintaining, and Using Sequences • Creating and Maintaining Indexes • Creating Private and Public Synonyms | 04/08/2018 | 07/08/2018 |  |
| 62 | Module02 | STCESADJ2EE 204 | **24. Controlling User Access**  Understanding the Concepts of Users, Roles, and Privileges • Granting and Revoking Object Privileges • Creating Roles and Granting Privileges to Roles • Creating Synonyms for Ease of Table Access | 05/08/2018 | 08/08/2018 |  |
| 63 | Module02 | STCESADJ2EE 205 | **25. PL/SQL overview**  Data types,variables,constant, | 06/08/2018 | 09/08/2018 |  |
| 64 | Module02 | STCESADJ2EE 205 | **26.PL/SQL overview**  Operator,conditions, | 07/08/2018 | 11/08/2018 |  |
| 65 | Module02 | STCESADJ2EE 205 | **27. PL/SQL overview**  Loop,string,array | 08/08/2018 | 12/08/2018 |  |
| 66 | Module02 | STCESADJ2EE 206 | **28. Procedures & Functions**  Procedures & Functions,cursors | 09/08/2018 | 13/08/2018 |  |
| 67 | Module02 | STCESADJ2EE 206 | **29. Exceptions & Triggers**  Exceptions & Triggersr | 11/08/2018 | 14/08/2018 |  |
| 68 | Module02 | STCESADJ2EE 206 | **30. Transactions**  Transactions | 12/08/2018 | 16/08/2018 |  |
| 69 | Module03 | STCESADJ2EE 301 | **1.Introduction to Computers, Programs, and Java**  Java, the World Wide Web, and Beyond 10  1.6 The Java Language Specification, API, JDK, and IDE 11  1.7 A Simple Java Program 12  1.8 Creating, Compiling, and Executing a Java Program 15  1.9 Programming Style and Documentation 18  1.10 Programming Errors 20  1.11 Developing Java Programs Using NetBeans 23  1.12 Developing Java Programs Using Eclipse | 13/08/2018 | 18/08/2018 |  |
| 70 | Module03 | STCESADJ2EE 301 | **2. Elementary Programming**  Introduction 34  2.2 Writing a Simple Program 34  2.3 Reading Input from the Console 37  2.4 Identifiers 39  2.5 Variables 40  2.6 Assignment Statements and Assignment Expressions 41  2.7 Named Constants 43  2.8 Naming Conventions 44  2.9 Numeric Data Types and Operations 44  2.10 Numeric Literals 48  2.11 Evaluating Expressions and Operator Precedence 50  2.12 Case Study: Displaying the Current Time 52  2.13 Augmented Assignment Operators 54  2.14 Increment and Decrement Operators | 14/08/2018 | 27/08/2018 |  |
| 71 | Module03 | STCESADJ2EE 301 | **3. Selections**  3.2 boolean Data Type 76  3.3 if Statements 78  3.4 Two-Way if-else Statements 80  3.5 Nested if and Multi-Way if-else Statements 81  3.6 Common Errors and Pitfalls 83  3.7 Generating Random Numbers 87  3.8 Case Study: Computing Body Mass Index 89  3.9 Case Study: Computing Taxes 90  3.10 Logical Operators 93  3.11 Case Study: Determining Leap Year 97  3.12 Case Study: Lottery 98  3.13 switch Statements 100  3.14 Conditional Expressions 103 | 16/08/2018 | 28/08/2018 |  |
| 72 | Module03 | STCESADJ2EE 301 | **4.Mathematical Functions, Characters, and Strings**  Introduction 120  4.2 Common Mathematical Functions 120  4.3 Character Data Type and Operations 125  4.4 The String Type 130  4.5 Case Studies 139  4.6 Formatting Console Output | 18/08/2018 | 29/08/2018 |  |
| 73 | Module03 | STCESADJ2EE 301 | **5. Loops**  Introduction 158  5.2 The while Loop 158  5.3 The do-while Loop 168  5.4 The for Loop 170  5.5 Which Loop to Use | 27/08/2018 | 30/08/2018 |  |
| 74 | Module03 | STCESADJ2EE 301 | **6. Loops**  Nested Loops 176  5.7 Minimizing Numeric Errors 178  5.8 Case Studies 179  5.9 Keywords *break* and *continue* 184  5.10 Case Study: Checking Palindromes 187  5.11 Case Study: Displaying Prime Numbers | 28/08/2018 | 01/09/2018 |  |
| 75 | Module03 | STCESADJ2EE 302 | **7.Methods**  Introduction 204  6.2 Defining a Method 204  6.3 Calling a Method 206  6.4 void Method Example 209  6.5 Passing Arguments by Values 212  6.6 Modularizing Code 215  6.7 Case Study: Converting Hexadecimals to Decimals 217  6.8 Overloading Methods 219  6.9 The Scope of Variables | 29/08/2018 | 05/09/2018 |  |
| 76 | Module03 | STCESADJ2EE 302 | **Single-Dimensional Arrays**  7.12 The Arrays Class 270  7.11 Sorting Arrays 269  7.10 Searching Arrays 265  7.9 Variable-Length Argument Lists 264  7.8 Case Study: Counting the Occurrences of Each Letter 261  7.7 Returning an Array from a Method 260  7.6 Passing Arrays to Methods 257  7.5 Copying Arrays 256  7.4 Case Study: Deck of Cards 254  7.3 Case Study: Analyzing Numbers 253  Array Basics 246  7.13 Command-Line Arguments | 30/08/2018 | 06/09/2018 |  |
| 77 | Module03 | STCESADJ2EE 302 | **Multidimensional Arrays**  Introduction 288  8.2 Two-Dimensional Array Basics  Processing Two-Dimensional Arrays 291  8.4 Passing Two-Dimensional Arrays to Methods 293  8.5 Case Study: Grading a Multiple-Choice Test 294  8.6 Case Study: Finding the Closest Pair | 01/09/2018 | 08/09/2018 |  |
| 78 | Module03 | STCESADJ2EE 303 | **10.Objects and Classes**  1 Introduction 322  9.2 Defining Classes for Objects 322  9.3 Example: Defining Classes and Creating Objects 324  9.4 Constructing Objects Using Constructors 329  9.5 Accessing Objects via Reference Variables 330  9.6 Using Classes from the Java Library 334  9.7 Static Variables, Constants, and Methods 337  9.8 Visibility Modifiers 342 | 05/09/2018 | 09/09/2018 |  |
| 79 | Module03 | STCESADJ2EE 303 | **11. Objects and Classes**  Data Field Encapsulation 344  9.10 Passing Objects to Methods 347  9.11 Array of Objects 351  9.12 Immutable Objects and Classes 353  9.13 The Scope of Variables 355  9.14 The this Reference 356 | 06/09/2018 | 10/09/2018 |  |
| 80 | Module03 | STCESADJ2EE 303 | **12. Object-Oriented Thinking**  Introduction 366  10.2 Class Abstraction and Encapsulation 366  10.3 Thinking in Objects 370  10.4 Class Relationships 373  10.5 Case Study: Designing the Course Class 376  10.6 Case Study: Designing a Class for Stacks 378  10.7 Processing Primitive Data Type Values as Objects 380 | 08/09/2018 | 12/09/2018 |  |
| 81 | Module03 | STCESADJ2EE 303 | **13. Object-Oriented Thinking**  10.8 Automatic Conversion between Primitive Types  and Wrapper Class Types 383  10.9 The BigInteger and BigDecimal Classes 384  10.10 The String Class 386  10.11 The StringBuilder and StringBuffer Classes 392 | 09/09/2018 | 13/09/2018 |  |
| 82 | Module03 | STCESADJ2EE 303 | **14.Inheritance and Polymorphism**  Introduction 410  11.2 Superclasses and Subclasses 410  11.3 Using the super Keyword 416  11.4 Overriding Methods 419  11.5 Overriding vs. Overloading 420  11.6 The Object Class and Its toString() Method 422  11.7 Polymorphism 423  11.8 Dynamic Binding 424  11.9 Casting Objects and the instanceof Operator 427  11.10 The Object’s equals Method 431 | 10/09/2018 | 16/09/2018 |  |
| 83 | Module03 | STCESADJ2EE 303 | **15. Exception Handling and Text I/O**  12.3 Exception Types 455  12.4 More on Exception Handling 458  12.5 The finally Clause 466  12.6 When to Use Exceptions 467  12.7 Rethrowing Exceptions 468  12.8 Chained Exceptions 469  12.9 Defining Custom Exception Classes 470 | 12/09/2018 | 17/09/2018 |  |
| 84 | Module03 | STCESADJ2EE 303 | **16.Exception Handling and Text I/O**  12.10 The File Class 473  12.11 File Input and Output 476  12.12 Reading Data from the Web 482  12.13 Case Study: Web Crawler 484 | 13/09/2018 | 18/09/2018 |  |
| 85 | Module03 | STCESADJ2EE 304 | **17. Abstract Classes and Interfaces**  13.2 Abstract Classes 496  13.3 Case Study: the Abstract Number Class 501  13.4 Case Study: Calendar and GregorianCalendar 503  13.5 Interfaces 506  13.6 The Comparable Interface 509  13.7 The Cloneable Interface 513  13.8 Interfaces vs. Abstract Classes 517 | 15/09/2018 | 19/09/2018 |  |
| 86 | Module03 | STCESADJ2EE 304 | **18. Binary I/O**  1 Introduction 678  17.2 How Is Text I/O Handled in Java? 678  17.3 Text I/O vs. Binary I/O 679  17.4 Binary I/O Classes 680  17.5 Case Study: Copying Files 691  17.6 Object I/O 692  17.7 Random-Access Files 697 | 16/09/2018 | 20/09/2018 |  |
| 87 | Module03 | STCESADJ2EE 304 | **19. Recursion**  Introduction 706  18.2 Case Study: Computing Factorials 706  18.3 Case Study: Computing Fibonacci Numbers 709  18.4 Problem Solving Using Recursion 712  18.5 Recursive Helper Methods 714  18.6 Case Study: Finding the Directory Size 717  18.7 Case Study: Tower of Hanoi 719  18.8 Case Study: Fractals 722  18.9 Recursion vs. Iteration 726 | 17/09/2018 | 21/09/2018 |  |
| 88 | Module03 | STCESADJ2EE 304 | **20. Generics**  19.2 Motivations and Benefits 738  19.3 Defining Generic Classes and Interfaces 740  19.4 Generic Methods 742  19.5 Case Study: Sorting an Array of Objects 744  19.6 Raw Types and Backward Compatibility 746  19.7 Wildcard Generic Types 747  19.8 Erasure and Restrictions on Generics 750 | 18/09/2018 | 22/09/2018 |  |
| 89 | Module03 | STCESADJ2EE 304 | **21.Lists, Stacks, Queues, and Priority Queues**  20.2 Collections 762  20.3 Iterators 766  20.4 Lists 767  20.5 The Comparator Interface 772  20.6 Static Methods for Lists and Collections 773  20.7 Case Study: Bouncing Balls 777  20.8 Vector and Stack Classes 781  Contents **xvii**  20.9 Queues and Priority Queues 783 | 19/09/2018 | 23/09/2018 |  |
| 90 | Module03 | STCESADJ2EE 305 | **22. Sets and Maps**  21.2 Sets 798  21.3 Comparing the Performance of Sets and Lists 806  21.4 Case Study: Counting Keywords 809  21.5 Maps 810  21.6 Case Study: Occurrences of Words 815  21.7 Singleton and Unmodifiable Collections and Maps | 20/09/2018 | 24/09/2018 |  |
| 91 | Module03 | STCESADJ2EE 305 | **Developing Efficient Algorithms**  Measuring Algorithm Efficiency Using Big *O* Notation 822  22.3 Examples: Determining Big *O* 824  22.4 Analyzing Algorithm Time Complexity 828  22.5 Finding Fibonacci Numbers Using Dynamic Programming 831  22.6 Finding Greatest Common Divisors Using Euclid’s Algorithm 833  22.7 Efficient Algorithms for Finding Prime Numbers 837  22.8 Finding the Closest Pair of Points Using Divide-and-Conquer 843 | 22/09/2018 | 25/09/2018 |  |
| 92 | Module03 | STCESADJ2EE 305 | **Sorting**  23.2 Insertion Sort 862  23.3 Bubble Sort 864  23.4 Merge Sort 867  23.5 Quick Sort 870  23.6 Heap Sort 874  23.7 Bucket Sort and Radix Sort 881  23.8 External Sort 883 | 23/09/2018 | 26/09/2018 |  |
| 93 | Module03 | STCESADJ2EE 305 | **24.Implementing Lists, Stacks, Queues, and Priority Queues**  24.2 Common Features for Lists 896  24.3 Array Lists 900  24.4 Linked Lists 906  24.5 Stacks and Queues 920  24.6 Priority Queues 924 | 24/09/2018 | 27/09/2018 |  |
| 94 | Module03 | STCESADJ2EE 305 | **24.Implementing Lists, Stacks, Queues, and Priority Queues**  24.2 Common Features for Lists 896  24.3 Array Lists 900  24.4 Linked Lists 906  24.5 Stacks and Queues 920  24.6 Priority Queues 924 | 25/09/2018 | 29/09/2018 |  |
| 95 | Module03 | STCESADJ2EE 306 | **Binary Search Trees**  Introduction 930  25.2 Binary Search Trees 930  25.3 Deleting Elements from a BST 943  25.4 Tree Visualization and MVC 949  25.5 Iterators 952 | 26/09/2018 | 30/09/2018 |  |
| 96 | Module03 | STCESADJ2EE 306 | **AVL Trees**  Overriding the insert Method 970  26.5 Implementing Rotations 971  26.6 Implementing the delete Method 972  26.7 The AVLTree Class 972  26.8 Testing the AVLTree Class 978  26.9 AVL Tree Time Complexity Analysis | 27/09/2018 | 04/10/2018 |  |
| 97 | Module03 | STCESADJ2EE 306 | **Hashing**  Introduction 986  27.2 What Is Hashing? 986  27.3 Hash Functions and Hash Codes 987  27.4 Handling Collisions Using Open Addressing 989  27.5 Handling Collisions Using Separate Chaining | 29/09/2018 | 06/10/2018 |  |
| 98 | Module03 | STCESADJ2EE 306 | **27 Hashing**  6 Load Factor and Rehashing 993  27.7 Implementing a Map Using Hashing 995  27.8 Implementing Set Using Hashing 1004 | 30/09/2018 | 07/10/2018 |  |
| 99 | Module03 | STCESADJ2EE 307 | **Multithreading and Parallel Programming**  Introduction 1098  30.2 Thread Concepts 1098  30.3 Creating Tasks and Threads 1098  30.4 The Thread Class 1102 | 04/10/2018 | 08/10/2018 |  |
| 100 | Module03 | STCESADJ2EE 307 | **Multithreading and Parallel Programming**  Thread Pools 1106  30.7 Thread Synchronization 1108  30.8 Synchronization Using Locks 1112  30.9 Cooperation among Threads 1114  30.10 Case Study: Producer/Consumer | 06/10/2018 | 09/10/2018 |  |
| 101 | Module03 | STCESADJ2EE 307 | **Multithreading and Parallel**  11 Blocking Queues 1122  30.12 Semaphores 1124  30.13 Avoiding Deadlocks 1126  30.14 Thread States 1126  30.15 Synchronized Collections 1127  30.16 Parallel Programming | 07/10/2018 | 10/10/2018 |  |
| 102 | Module03 | STCESADJ2EE 307 | **Overview on Java**  Overview on  Java | 08/10/2018 | 11/10/2018 |  |
| 103 | Module04 | STCESADJ2EE 401 | **1. Introduce Visual Components for Graphical User Interface**  Graphical User Interfaces in Java • Creating a Window • Components and Containers • Component Attributes • The Size and Position of a Component • Use of the Points and Rectangle Objects | 09/10/2018 | 13/10/2018 |  |
| 104 | Module04 | STCESADJ2EE 401 | **2. Introduce Visual Components for Graphical User Interface**  Visual Characteristics of a Component • Color Combinations in Interface • Creating Cursors • Selecting Fonts • Swing Components | 10/10/2018 | 14/10/2018 |  |
| 105 | Module04 | STCESADJ2EE 401 | **Demonstrate knowledge on Layout Management**  managers • The Flow Layout Manager • Changing the Gap • Using a Border Layout Manager • Using a Card Layout Manager • Using a Grid Layout Manager | 11/10/2018 | 16/10/2018 |  |
| 106 | Module04 | STCESADJ2EE 401 | **4.Demonstrate knowledge on Layout Management**  Using a BoxLayout Manager • Struts and Glue • Using a GridBagLayout Manager • GridBagConstraints Instance Variables • Using a SpringLayout Manager | 13/10/2018 | 17/10/2018 |  |
| 107 | Module04 | STCESADJ2EE 401 | **5. Demonstrate knowledge on Layout Management**  Understanding Constraints • Creating JMenu and JMenuItem • Creating a Menu, Menu items • Adding a Shortcut for a Menu Item • Java Applets | 14/10/2018 | 18/10/2018 |  |
| 108 | Module04 | STCESADJ2EE 402 | **Demonstrate Knowledge of Event Handling Essentials and its Mechanisms**  Window-Based Java Programs • Event-Driven Programs • The Event-Handling Process • Avoiding Deadlocks in GUI Code • Event Classes and available Listeners | 15/10/2018 | 20/10/2018 |  |
| 109 | Module04 | STCESADJ2EE 402 | **Demonstrate Knowledge of Event Handling Essentials and its Mechanisms**  Event Classes and available Listeners • Using Adapter Classes • Semantic Events • Semantic Event Listeners • Semantic Event Handling in Applets | 16/10/2018 | 21/10/2018 |  |
| 110 | Module04 | STCESADJ2EE 402 | **8. Demonstrate Knowledge of Event Handling Essentials and its Mechanisms**  Semantic Event Handling in Applets • Alternative Event-Handling Approaches • Handling Low-Level and Semantic Events • Semantic Event Listeners in an Application Adding toolbar Using Actions • The Action Interface and its implementations • Adding Tooltips • Disabling Actions | 17/10/2018 | 22/10/2018 |  |
| 111 | Module04 | STCESADJ2EE 403 | **Demonstrate Knowledge on Basics for XML Document**  What a well-formed XML document is • What constitutes a valid XML document • What the components in an XML document are and how they are used | 18/10/2018 | 23/10/2018 |  |
| 112 | Module04 | STCESADJ2EE 403 | **Demonstrate Knowledge on Basics for XML Document**  What a DTD is and how it is defined • What namespaces are and why you use them " | 20/10/2018 | 24/10/2018 |  |
| 113 | Module04 | STCESADJ2EE 403 | **Demonstrate Knowledge on Programming with XML Documents**  What the SAX and DOM APIs are and how they differ " | 21/10/2018 | 25/10/2018 |  |
| 114 | Module04 | STCESADJ2EE 403 | **Demonstrate Knowledge on Programming with XML Documents**  How you read documents using SAX " | 22/10/2018 | 27/10/2018 |  |
| 115 | Module04 | STCESADJ2EE 403 | **Creating and Modifying XML Documents**  What a Document Object Model is • How you create a DOM parser | 23/10/2018 | 28/10/2018 |  |
| 116 | Module04 | STCESADJ2EE 403 | **14. Creating and Modifying XML Documents**  How you access the contents of a document using DOM • How you create and update a new XML document " | 24/10/2018 | 29/10/2018 |  |
| 117 | Module04 | STCESADJ2EE 403 | **15. Creating and Modifying XML Documents**  How you create and update a new XML document • How to modify Sketcher to read and write sketches as XML documents | 25/10/2018 | 30/10/2018 |  |
| 118 | Module04 | STCESADJ2EE 404 | **16. Understanding the JDBC Concepts**  JDBC Concepts and Terminology • The JDBC Package • Relating JDBC to ODBC • Setting UP a Database • DriverManager • Creating a Connection to a Data Source • More on Drivers • Statement Objects • Accessing Data in a Resultset | 27/10/2018 | 03/11/2018 |  |
| 119 | Module04 | STCESADJ2EE 404 | **17. Understanding the JDBC Concepts**  Getting Metadata for a Resultset • The Essential JDBC Program • Using a PreparedStatement Object • Creating an Interactive SQL Tool • Understanding the TableModel Interface | 28/10/2018 | 04/11/2018 |  |
| 120 | Module04 | STCESADJ2EE 404 | **18. More on JDBC**  Data Type and JDBC • Mapping between Java and SQL Data • Mapping Relational Data onto Java Object • Better Mapping Strategy • The Statement and PreparedStatement Interfaces • Executing DDL and DML • Statement versus PreparedStatement • The ResultSet | 29/10/2018 | 05/11/2018 |  |
| 121 | Module04 | STCESADJ2EE 404 | **19. More on JDBC**  Working with Special Data Types • Working with Streams • Calling Procedures • Vendor Error Code • Chaining SQLException • SQLWarning • Browsing a Database | 30/10/2018 | 07/11/2018 |  |
| 122 | Module04 | STCESADJ2EE 404 | **20. More on JDBC**  **More on JDBC** | 04/11/2018 | 08/11/2018 |  |
| 123 | Module05 | STCESADJ2EE 501 | **1. Avoiding the problems**  About prototyping and incremental life cycles • Managing Information Systems Developments • User Involvement in a Project • The role of CASE tools in systems development | 05/11/2018 | 10/11/2018 |  |
| 124 | Module05 | STCESADJ2EE 501 | **2. Object Orientation**  The fundamental concepts of object-orientation • The justifications for an object-oriented approach • Introduction to case study scenarios with and without a previous computerized system | 06/11/2018 | 11/11/2018 |  |
| 125 | Module05 | STCESADJ2EE 501 | **3. Modelling Concept**  What is meant by a model • The distinction between a model and a diagram • The UML concept of a model • Activity Diagram and It’s purpose • About the Unified Software Development Process • How phases relate to workflows in an iterative life cycle • An approach to system development • Major activities in the development process | 07/11/2018 | 12/11/2018 |  |
| 126 | Module05 | STCESADJ2EE 502 | **4. Requirement Capture**  Requirement Capture The distinction between the current and required systems • When and how to apply the main fact finding techniques • The roles played by users • The need to document requirements • Use Case diagram and it’s uses in document Requirements | 08/11/2018 | 13/11/2018 |  |
| 127 | Module05 | STCESADJ2EE 502 | **5. Requirements Analysis**  Why we analyse requirements • Technical terms used with class diagrams • a detailed model of user requirements • How to realize use cases with collaboration diagrams and class diagrams • Boundary , Control and Entity Classes | 10/11/2018 | 14/11/2018 |  |
| 128 | Module05 | STCESADJ2EE 502 | **6. Class Diagram**  Boundary , Control and Entity Classes • How the CRC technique helps identify classes and allocate responsibilities • How the UML class diagram expresses • Stereotypes | 11/11/2018 | 17/11/2018 |  |
| 129 | Module05 | STCESADJ2EE 502 | **7. Class Diagram**  Class and Instance Symbol • Association , Links, Multiplicity and operations • Requirement Analysis for the Case Study Agate Ltd | 12/11/2018 | 18/11/2018 |  |
| 130 | Module05 | STCESADJ2EE 503 | **8. Refining the Requirements Model**  What is meant by a component • How generalization and aggregation help to develop reusable components • How to identify generalization and composition • How to model generalization and composition • What is meant by the term pattern • What types of patterns can be used in software development | 13/11/2018 | 19/11/2018 |  |
| 131 | Module05 | STCESADJ2EE 503 | **9. Object Interaction**  How to develop object collaboration from use cases • How to model object collaboration using an interaction sequence diagram • How to model object collaboration using an interaction collaboration diagram • How to cross-check between interaction diagrams and a class diagram | 14/11/2018 | 20/11/2018 |  |
| 132 | Module05 | STCESADJ2EE 503 | **10. Specifying Operations**  About the role of operation specifications • What is meant by “Contracts” • About algorithmic and non-algorithmic techniques, and how they differ • How to use: • Decision Tables | 15/11/2018 | 22/11/2018 |  |
| 133 | Module05 | STCESADJ2EE 503 | **11. Specifying Controls**  How to identify requirements for control in an application • How to model object life cycles using statecharts • How to develop statechart diagrams from interaction diagrams • How to model concurrent behaviour in an object • How to ensure consistency with other UML models | 17/11/2018 | 23/11/2018 |  |
| 134 | Module05 | STCESADJ2EE 504 | **12. Moving into design**  The difference between analysis and design • The difference between logical and physical design • The difference between system and detailed design • The characteristics of a good design • The need to make trade-offs in design | 18/11/2018 | 24/11/2018 |  |
| 135 | Module05 | STCESADJ2EE 504 | **13. System Design**  The major concerns of system design • The main aspects of system architecture, in particular what is meant by subdividing a system into layers and partitions • How to apply the MVC architecture | 19/11/2018 |  |  |
| 136 | Module05 | STCESADJ2EE 504 | **14. Object Design**  Which architectures are most suitable for distributed systems • How design standards are specified • How to apply criteria for good design How to design associations • The impact of integrity constraints on design • How to design operations • The role of normalization in object design | 20/11/2018 |  |  |
| 137 | Module05 | STCESADJ2EE 504 | **15. Design Patterns & Implementation**  What types of patterns have been identified in software development • How to apply design patterns during software development • The benefits and difficulties that may arise when using patterns About tools used in software implementation • How to draw component diagrams • How to draw deployment diagrams • The tasks involved in testing a system | 21/11/2018 |  |  |
| 138 | Module06 | STCESADJ2EE 601 | **1. The Anatomy of a JavaServer Page**  The Anatomy of a JavaServer Page Giving an Introduction • Java Servlets and JSP Under the Hood • The JSP Life Cycle and JavaServer Pages Best Practices | 22/11/2018 |  |  |
| 139 | Module06 | STCESADJ2EE 601 | **2. The Anatomy of a JavaServer Page**  Demonstrate the basics of Reusability, Readability, and Maintainability • JavaServer Pages Application Architecture (Model 1 and Model 2) • Introducing the JSP Fundamentals | 24/11/2018 |  |  |
| 140 | Module06 | STCESADJ2EE 601 | **3. Demonstrate knowledge of Servlets API**  Demonstrate Servlets as What Is a Servlets? Why Servlets? • JavaServer Pages Are Servlets, The javax.servlet Interfaces • The javax.servlet Classes and The Life Cycle of a Servlet | 25/11/2018 |  |  |

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