

Course Java:

Java Basics

- Object Oriented Programming
- Core Java (Basic Programming and Concepts) **EJB**
- Collections
- Generics and Annotations
- Auto Boxing
- Log4j (logging)
- Multi Threading
- JAXB

Database

- RDBMS Concepts
- JDBC

J2EE

- Overview
- Servlets
- JSP/JSTL
- JNDI
- JMS

XML

- Overview
- DTD and Schemas
- Java and XML
- Apache XML Beans
- JAXB and SAX and DOM Parsers

Struts

- MVC Overview
- Struts Architecture
- Struts Tag Libraries

JSF

- JSF Architecture
 - JSF Tag Libraries
- EJB**
- Overview
 - Session Beans
 - Entity Beans
 - Message Driven Bean
 - Transaction Management

Hibernate

- Overview
- ORM Overview
- Hibernate Concepts
- JPA (Part of EJB but closely tied to hibernate)

Springs

- Overview
- Spring Core
 - o Spring IOC
 - o Spring AOP
- Spring MVC
- Spring JDBC and JDBC Templates

Web Services

- Overview
- SOAP/WSDL
- REST
- XML Over HTTP

Web Development

- HTML
- CSS
- Javascript
- DOJO and JQUERY libraries
- AJAX

Tools

- XML spy
- Eclipse / MyEclipse / Remote Debugging
- Maven
- JConsole, VisualVM – Performance Tools
- Sql Server 20005
- SVN and Totrise
- UML
- FireBug debugging
- SOAP UI