



Course Name	Essentials of IBM Rational Software Architect v7.0
Course Duration	50 Hours
About Technology	<p>Turning software complexity into simplified designs - A focus on architecture and design can help organizations deliver on their business goals. IBM architecture and design solutions enable aligning products, systems, and IT with the business; deliver more quickly on changing business needs; and gain control over your evolving architecture. IBM Rational Software Architect provides comprehensive design, modeling and development tools for model-driven development (MDD) using robust support for Unified Modeling Language (UML). Rational Software Architect products can tame complexity, manage risk and help ensure development of high-quality software, while shortening the learning curve of new technologies. Rational Software Architect is built on the Eclipse open-source software framework and is extensible with a variety of Eclipse plugins.</p>
About Course	<p>This course helps architects and development leads start modeling using UML with the IBM Rational Software Architect. This course helps students get started with Rational Software Architect. Participants gain a hands-on experience with Rational Software Architect as they are introduced to a number of features, supporting concepts, and integration with other tools. They learn the basics of model templates and the UML diagram types that Rational Software Architect supports.</p>
Target Audience	<p>The intended audience for this course is software developers who architect and develop enterprise applications, and who:</p> <ul style="list-style-type: none">• Use the Unified Modeling Language (UML) for object oriented analysis and design (OOAD)• Develop Java™ applications• Apply design patterns in their system design• Work as part of a team of developers <p>Students of: - Under Graduate & Post Graduate Computer Science / Information Technology</p>
Pre-requisites	<p>To benefit from this course, participants should have the following skills or experience: - Have some experience in architecting and designing Java solutions</p>
Contents	<p>This course covers the following topics:</p> <ul style="list-style-type: none">• Best Practices Of Software engineering• Rational Unified Process• Introduction to Rational Software Architect• Getting Started with Rational Software Architect• Creating UML Models• Creating Use-case Diagrams• Creating Activity Diagrams• Creating Class Diagrams• Creating Interaction Diagrams• Creating Composite Structure Diagrams• Creating Component Diagrams• Creating Deployment Diagrams• Creating State Diagrams• Traceability• Static Analysis• Model Publishing

