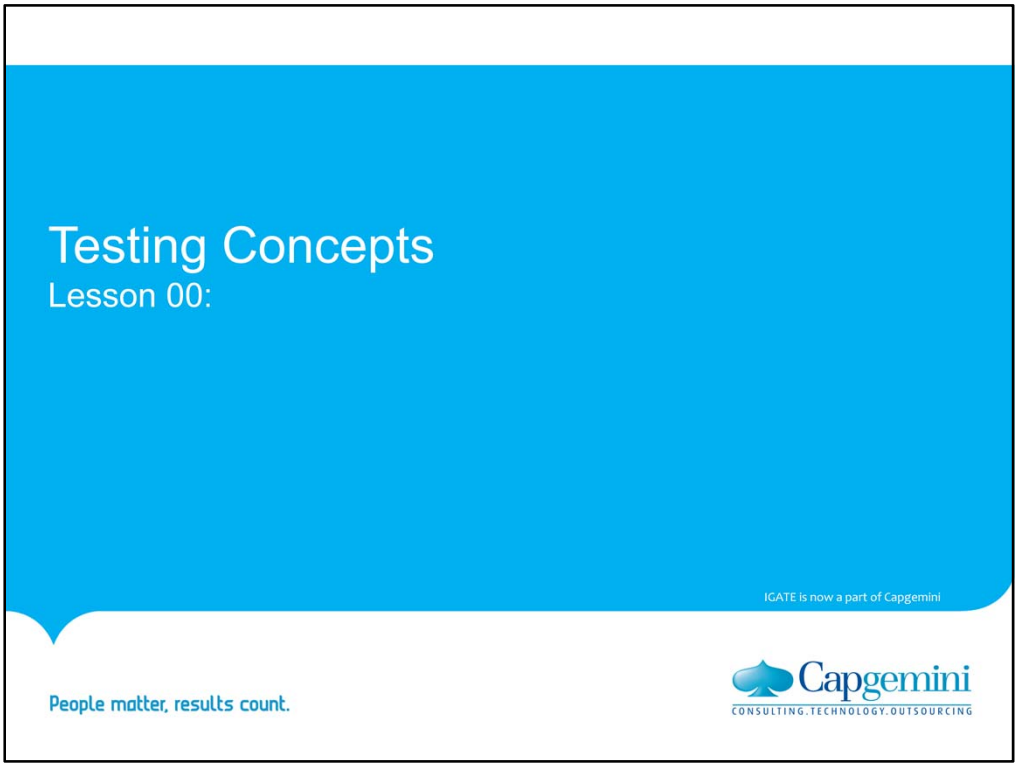

Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
	0.1D	NA		Content Creation
	0.1	NA		Review
May-2009		NA	Priya Rane	Material Revamp
June-2011	1.0	NA	Hema G.	Material Revamp
April-2014	1.1	NA	Dayanand Patil	Material Revamp
June-2016	2.0	NA	Neelima P.	Post-Integration Material Revamp

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Course Goals and Non Goals

- Course Goals
  - At the end of this program, participants gain an understanding of Verification & Validation process in project
  - Participants get an understanding of different testing approaches, techniques & types
  - They also learn how to create effective test cases using the different testing techniques to get a good test coverage of a software application
  - Participants get an understanding of Importance of monitoring progress in testing process & different project metrics
- Course Non Goals
  - This course does not cover automation process of testing.

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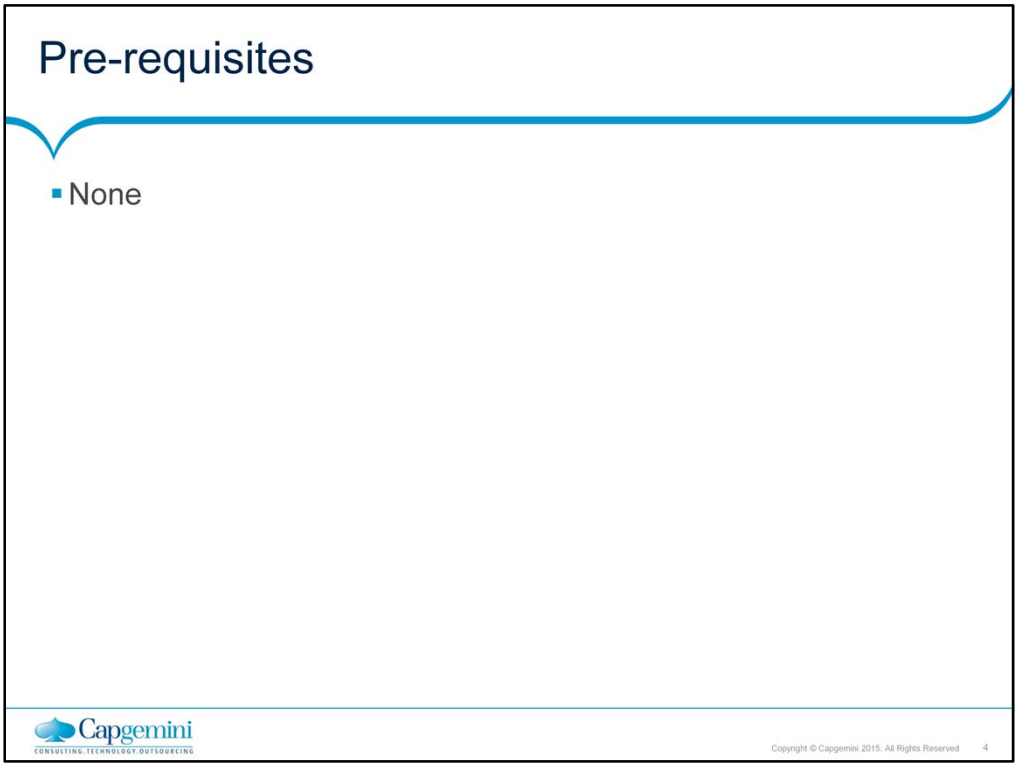
Pre-requisites
None
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Intended Audience

- Test Engineers, Software Engineers and Senior Software Engineers

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Day Wise Schedule

- Day 1
  - Lesson 1: Fundamentals of Testing
  - Lesson 2: Types of Testing Techniques & Test Case Design
- Day 2
  - Lesson 2: Types of Testing Techniques & Test Case Design (Cont.)
- Day 3
  - Lesson 2: Types of Testing Techniques & Test Case Design (Cont.)
- Day 4
  - Lesson 2: Types of Testing Techniques & Test Case Design (Cont.)
  - Lesson 3: Testing throughout the Software Life Cycle
- Day 5
  - Lesson 3: Testing throughout the Software Life Cycle (Cont.)
  - Lesson 4: Test Management & Test Case Execution
- Day 3
  - Lesson 5: Testing Metrics
  - Lesson 6: Tool Supporting for Testing

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References

- Student material:
  - Class Book (presentation slides with notes)
  - Lab book
- Book:
  - Testing Computer Software – Cem Kaner
  - Software Testing in the Real World – Edward Kit
  - Effective methods for Software testing – William E. Perry
  - Software Engineering -A Practitioner's Approach – Roger S. Pressman
  - Software Testing Techniques – Boris Beizer
- Web-site:
  - http://www.softwaretesting.org
  - http://www.onestoptesting.com/introduction/

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Next Step Courses

- Automation testing