



## Advanced Test Management Detailed Timings

<b>Introduction and Review</b>	<b>60</b>
<b>Chapter 1: Basic Aspects of Software Testing</b>	<b>150</b>
1.2 Testing in the Software Lifecycle	110
1.3 Specific Systems	20
1.4 Metrics and Measurement	20
<b>Chapter 2: Testing Processes</b>	<b>120</b>
2.3 Test Planning and Control	20
2.5 Test Implementation and Execution	25
2.6 Evaluating Exit Criteria and Reporting	15
2.7 Test Closure Activities	60
<b>Chapter 3: Test Management</b>	<b>1150</b>
3.1 Test Management Documentation	105
3.2 Test Plan Documentation	90
3.4 Test Estimation	120
3.5 Scheduling Test Planning	30
3.6 Test Progress and Control	195
3.7 Business Value of Testing	30
3.8 Distributed, Outsourced and Insourced Testing	30
3.9 Risk-Based Testing	475
3.9.1 Introduction to Risk Based Testing [115 min.]	
3.9.2 Risk Management [180 min.]	
3.9.3 Risk Management in the Lifecycle [180 min.]	
3.10 Failure Mode and Effects Analysis	30
3.11 Test Management Issues	45
<b>Chapter 6: Reviews</b>	<b>120</b>
6.2 The Principles of Reviews	15
6.3 Introducing Reviews	90
6.4 Success Factors for Reviews	15
<b>Chapter 7: Incident Management</b>	<b>80</b>
<b>Chapter 8: Test Process Improvement</b>	<b>150</b>
8.1 Standards Consideration	30
8.4 Improving the Test Process (TMMi, TPI, CTP, STEP, CMMi)	120
<b>Chapter 9: Test Tools and Automation</b>	<b>90</b>
9.2 Test Tool Concepts	40
9.3 Test Tool Categories	50
<b>Chapter 10: People Skills - Team Composition</b>	<b>180</b>
10.2 Individual Skills	60
10.3 Test Team Dynamics	60
10.4 Fitting Testing within the Organization	15
10.5 Motivation	15
10.6 Communication	30
<b>Total</b>	<b>2100</b>

<b>Advanced Test Analyst Detailed Timings</b>		
<b>Introduction and Review</b>		<b>60</b>
<b>Chapter 1: Basic Aspects of Software Testing</b>		<b>30</b>
<b>Chapter 2: Testing Processes</b>		<b>180</b>
2.3 Test Analysis and Design	45	
2.5 Test Implementation and Execution	45	
2.6 Evaluating Exit Criteria and Reporting	90	
<b>Chapter 3: Test Management</b>		<b>120</b>
3.9.2 Risk Management	120	
<b>Chapter 4: Test Techniques</b>		<b>1080</b>
4.2 Specification-based	870	
4.4. Defect- and Experienced-based	210	
<b>Chapter 5: Tests of Software Characteristics</b>		<b>210</b>
5.2 Quality Attributes for Domain Testing	165	
5.3 Quality Attributes for Technical Testing	45	
<b>Chapter 6: Reviews</b>		<b>180</b>
<b>Chapter 7: Incident Management</b>		<b>120</b>
<b>Chapter 9: Test Tools and Automation</b>		<b>90</b>
9.2 Test Tool Concepts	40	
9.3 Test Tool Categories	50	
<b>Chapter 10: People Skills - Team Composition</b>		<b>30</b>
10.6 Communication	30	
<b>Total</b>		<b>2100</b>

<b>Advanced Technical Test Analyst Detailed Timings</b>	
<b>Introduction and Review</b>	<b>60</b>
<b>Chapter 1: Basic Aspects of Software Testing</b>	<b>30</b>
<b>Chapter 2: Testing Processes</b>	<b>180</b>
2.3 Test Analysis and Design	45
2.5 Test Implementation and Execution	45
2.6 Evaluating Exit Criteria and Reporting	90
<b>Chapter 3: Test Management</b>	<b>120</b>
3.9.2 Risk Management	120
<b>Chapter 4: Test Techniques</b>	<b>930</b>
4.2 Specification-based	310
4.3 Structure-based	310
4.4 Defect- and Experience-based	210
4.5 Static Analysis	85
4.6 Dynamic Analysis	15
<b>Chapter 5: Test of Software Characteristics</b>	<b>240</b>
5.2 Quality Attributes for Domain Testing	90
5.3 Quality Attributes for Technical Testing	150
<b>Chapter 6: Reviews</b>	<b>180</b>
<b>Chapter 7: Incident Management</b>	<b>120</b>
<b>Chapter 9: Test Tools and Automation</b>	<b>210</b>
9.2 Test Tool Concepts	40
9.3 Test Tool Categories	50
9.4 Keyword-Driven Test Automation	80
9.5 Performance Testing Tools	40
<b>Chapter 10: People Skills – Team Composition</b>	<b>30</b>
10.6 Communication	30
<b>Total</b>	<b>2100</b>