


# AUTOMATION SPECIALIST LEVEL 1 ROADMAP

## How to get started

Learning Path		What is needed to be successful?		Recommended Browser for Testing
<div><div></div><div><h3>Start Course</h3><p>Start your learning path with the introductory videos to get you ready for testing automation journey ahead. This course is your first step to becoming specialized in automation with Tricentis Tosca. By the end of the course, you will be able to fully execute automated GUI TestCases that you will create during the lessons</p></div></div>		<div><div></div><div><h3>Install Tosca and Get License</h3><ul style="list-style-type: none"><li>Request an 8-week <a href="#">training license</a></li><li>Select Cloud (Recommended) or on-premise</li><li>Select and submit license request</li><li><a href="#">Download</a> and install Tosca on your device</li></ul></div></div>		<div><div><div></div><div><h3>Google Extension</h3><p>The course has been developed using Google Chrome, so we recommend using this browser while doing the exercises. Make sure to install the extension as instructed in the lessons</p></div></div></div>
Curriculum		Practice Exercies		Learner Action
<div><div></div><div><h3>From lesson 1-10 you will:</h3><ul style="list-style-type: none"><li>Start by watching the videos and get familiar with the interface of Tosca, the System Under Test (SUT), Model-Based Test Automation (MBTA), and XScan</li><li>You will also get to know how to Identify controls by properties in XScan and controls by anchor in XScan</li></ul></div></div>		<div><div></div><div><h3>From exercise 1-4 you will:</h3><ul style="list-style-type: none"><li>Create Workspace</li><li>Navigate the System Under Test (SUT)</li><li>Create first Module</li><li>Identify by Anchor and create Control Group</li></ul></div></div>		<div><div><div></div><div><h3>Tosca Commander</h3><ul style="list-style-type: none"><li>Work on basic subset to get more comfortable with Tosca Commander. Subsets can be downloaded and imported directly to Tosca</li><li><b>Do you have a query/doubt?</b> Every section comes with exercises to practice your knowledge. Do you need help with it? Watch the solution video and see how we do it</li></ul></div></div></div>
<div><div></div><div><h3>From lesson 11-20 you will:</h3><ul style="list-style-type: none"><li>Get introduced to TestCases</li><li>Learn how to populate and modify TestCases using ActionModes and Dynamic Values</li><li>Learn how to create a Library and a new TestCase using an existing Library and Reusable TestStepBlocks</li></ul></div></div>		<div><div></div><div><h3>From exercise 5-17 you will:</h3><ul style="list-style-type: none"><li>Create TestCase Structure and TestSteps</li><li>Enter TestStepsValues</li><li>Set Predefined Test Configuration Parameters and ActionMode WaitOn</li><li>Record and use a buffer</li><li>Use MATH functions, generate Dynamic Text and Dynamic Date</li><li>Create a Library and a TestCase from a Library</li></ul></div></div>		<div><div><div></div><div><h3>Hands-on Exercises</h3><p>Try out the exercises in Tosca. Learn to create your own Libraries using TestSteps previously created and run them in the ExecutionList</p></div></div></div>
<div><div></div><div><h3>From lesson 21-27 you will:</h3><p>Progressing towards the advanced part of the learning path, learn some more advanced Module actions along with self-defined Test Configuration Parameters, Business Parameters, ExecutionList and Requirements</p></div></div>		<div><div></div><div><h3>From exercise 18-22 you will:</h3><ul style="list-style-type: none"><li>Apply Rescan, Value Range, and Module Merge</li><li>Set self-defined Test Configuration Parameters</li><li>Create Business Parameters, ExecutionList and Execute ExecutionList</li><li>Link TestCases and ExecutionList to Requirements</li></ul></div></div>		<div><div><div></div><div><h3>Hands-on Exercises</h3><p>You have learned about discrete structures of TestCases. Apply these to optimize your previous TestCases and try to point out key differences in performance</p></div></div></div>
<div><div></div><div><h3>From lesson 28-39 you will:</h3><ul style="list-style-type: none"><li>Know how to work within a multiuser environment in Tosca</li><li>What are WHILE, IF and DO statements</li><li>Recovery and Clean-up scenarios</li><li>ResultCount and ActionMode Constraint</li></ul></div></div>		<div><div></div><div><h3>From exercise 23-31 you will:</h3><ul style="list-style-type: none"><li>Create a WHILE statement, Recovery Scenario and CleanUp Scenario</li><li>Execute Dynamic Comparison</li><li>Identify by Parent and Create Dynamic ID Modules</li><li>Use ExplicitName, TBox Set Buffer and ResultCount</li><li>Set Repetition on Folder Level and Use the ActionMode Constraint</li></ul></div></div>		<div><div><div></div><div><h3>Hands-on Exercises</h3><p>In last section, you will learn more about the multiuser environment and some of the advance topics such as Conditional Statements, Recovery Scenarios, and Dynamic Comparison</p></div></div></div>