

# Xcelerator Academy Learning Maps

## Your learning: At a Glance



Use our interactive learning maps as a guide to navigate through your content based upon your role then click on the icons throughout to learn more about your delivery options.



Select a role below ↓

### LEARN ESSENTIALS

#### Team Members

Introduces terminologies and concepts essential for the MindSphere journey.

### LEARN ABOUT APP DEVELOPMENT

#### App Developer

Learn how to develop, register, configure, test, run and publish your MindSphere apps.

### LEARN ABOUT CONNECTIVITY

#### Connectivity Developer

Learn how to connect devices to MindSphere

### LEARN ABOUT ANALYTICS

#### Data Analyst

Learn how to explore various means of analyzing data in MindSphere.

### GET CERTIFIED

#### MindSphere Associate Certification

Choose your learning and take your exam to complete the MindSphere Associate certification.

## LEARN ESSENTIALS

Team Members		Introducing MindSphere		Exploring Essentials of MindSphere
		Overview of MindConnect Elements		Inspecting MindSphere Security

## LEARN ABOUT APP DEVELOPMENT

App Developer		Developing MindSphere Applications		Developing MindSphere Apps with Mendix		Creating Advanced MindSphere Apps
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## LEARN ABOUT CONNECTIVITY

Connectivity Developers		Creating Custom Agents with MindConnect Library		Creating Custom Agents with MindConnect API		MindConnect IoT Extension
		Exploring MindConnect Integration		Extending MindConnect Library Custom Agents		

## LEARN ABOUT ANALYTICS

Data Analyst		Creating Dashboards with Visual Flow Creator
		Configuring MindConnect Edge Analytics



Instructor-led training



On-demand training library



Xcelerator Academy Membership



Learning Journey



Standalone Certification Exam

Optional

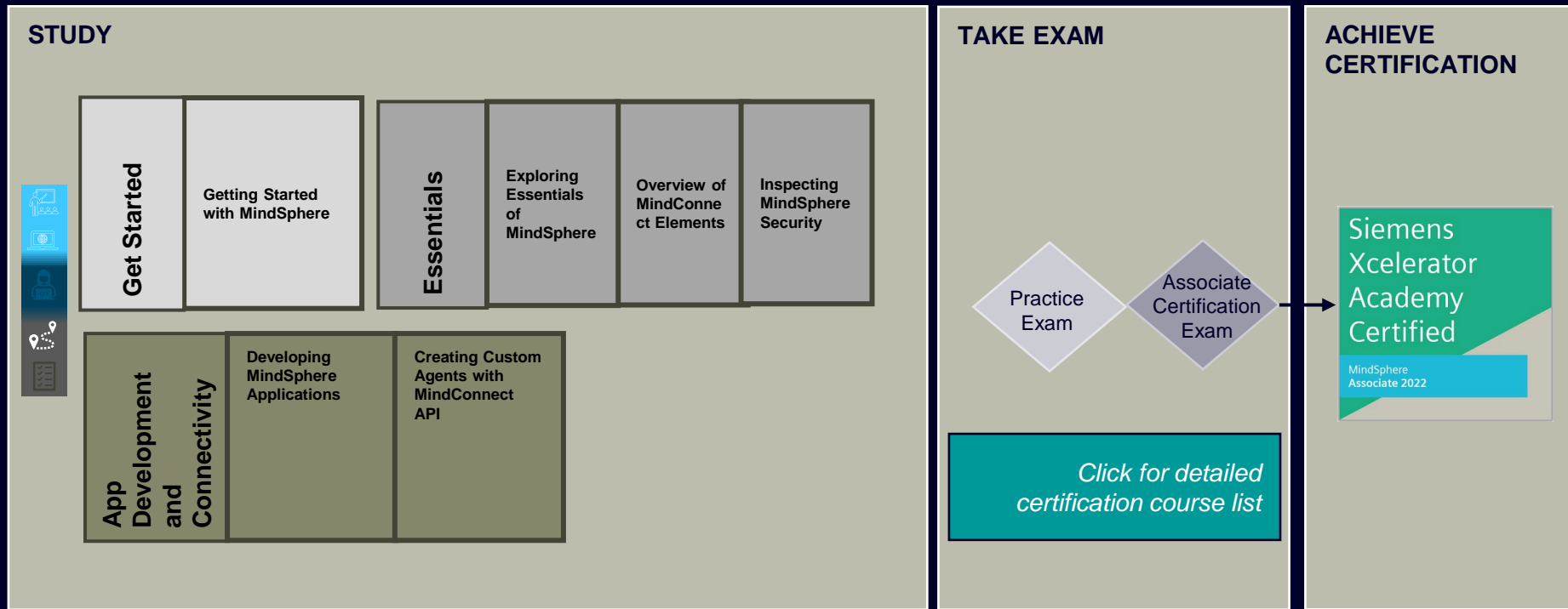
\*\*Virtual lab environment included in offer

Add-on vLab hours available for purchase

\*\*Virtual lab environment included in offer



SIEMENS



Instructor-led training	On-demand training library	Xcelerator Academy Membership	Learning Journey	Standalone Certification Exam	<b>Optional</b>
**Virtual lab environment included in offer		Add-on vLab hours available for purchase	**Virtual lab environment included in offer		

# Complete Course List: MindSphere Associate

MindSphere Associate Certification					
Introduction to MindSphere (0.5 day)	MindSphere Essentials (2 day)			MindSphere App Development and Connectivity (3 days)	
Getting Started with MindSphere	Exploring Essentials of MindSphere	Overview of MindConnect Elements	Inspecting MindSphere Security	Developing MindSphere Applications	Creating Custom Agents with MindConnect API
Discovering the Industrial Internet of Things	Exploring MindSphere Fundamentals	Overview of MindConnect Elements	Introduction to MindSphere Security	Exploring Cloud Foundry	Introducing MindConnect API
Exploring the MindSphere Ecosystem	Exploring MindAccess Plans		MindConnect Security	Developing Applications for MindSphere	Getting Ready for MindConnect API
Introducing the MindSphere Portfolio	Creating the IoT Data Model for MindSphere		MindSphere System Security	Using the Asset Management Service	Creating a Custom Agent with MindConnect API
Revealing the Potential of MindSphere	Managing a MindSphere Tenant		MindSphere App Security	Using Time Series, Aggregate and Event Management APIs	Exchanging Data with MindConnect API
					Using the Diagnostic Service

