Cloud Academy Curriculum

Platform	Introductory Modules		Certification	
	Level 0 (Basic Overview - eLearning)	Level 1 (Junior Developer)	Level 2 (Senior Developer)	Level 3 (Architect)
AWS	*Getting Started with Amazon Web Services* *Duration*: 2 hours	*AWS Technical Essentials* *Duration*: 1 day	*Developing on AWS* *Duration*: 3 days	*Architecting on AWS* *Duration*: 3 days
Azure	Microsoft Cloud (Azure) for the Enterprise *Duration*: 1 hours	Azure Technical Essentials *Duration*: 1 day	Developing Microsoft Azure Solutions *Duration*: 5 days	*MOC Workshop: Architecting Microsoft Azure Solutions* *Duration*: 3 days
Pivotal Cloud Foundry	Cloud Native Concepts: (One Minute Reads) *Duration*: 1 hour	Spring Boot Developer e-Learning *Duration*: 3 days	Pivotal Cloud Foundry Developer e-Learning *Duration*: 5 days	
Google Cloud	Google Cloud Foundations **Duration:** 1 day	Google Cloud Fundamentals: Core Infrastructure **Duration:** 1 day	Developing Solutions with Google Cloud Platform **Duration:** 1 day	Architecting with Google Cloud Platform: Design and Process. **Duration:** 3 days

AWS Curriculum

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Duration	Course Instructions
Level 0 **Getting Started with Amazon Web Services**	*Get a high level understanding of the AWS cloud platform and its offerings*	*General Cloud concepts*** Recommended MyLearning Course: Cloud Computing Fundamentals: Overview*	*NA*	*Free, Self-Paced, Virtual Course available on MyLearning*	*Self-paced*	*This course can be accessed from My Learning. Click here to launch the course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Duration	Course Instructions
Level 1 **AWS Technical Essentials**	*This course introduces you to AWS products, services, and common solutions. It provides you with fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working on AWS*	*Good awareness general cloud concepts and basic knowledge of AWS Cloud platform and its offerings.*	*NA*	*Facilitated Virtual (or classroom) Course which you can register for through MyLearning*	*1 day*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Duration	Course Instructions
Level 2 **Developing on AWS**	*This course helps understand how to use the AWS SDK to develop secure and scalable cloud applications. The course provides in-depth knowledge about how to interact with AWS using code and covers key concepts, best practices, and troubleshooting tips.*	*Thorough knowledge and understanding of various components and offerings of the AWS cloud platform.*	*Participants are encouraged to take up the "AWS Certified Developer – Associate" certification from AWS.*	*External Training facilitated though alliance*	*3 days*	*Please contact LnD SPOC, <u>Kshama Sapre</u> to Express Interest in attending this course*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Duration	Course Instructions
Level 3 ***Architecting on AWS***	*The course is designed to teach solutions architects how to optimize the use of the AWS Cloud by understanding AWS services and how these services fit into cloud-based solutions. This course emphasizes AWS cloud best practices and recommended design patterns to help students think through the process of architecting optimal IT solutions on AWS.*	*Thorough knowledge and understanding of various components and offerings of the AWS cloud platform and how to AWS SDK to develop secure and scalable cloud applications*	*Participants are encouraged to take up the "AWS Certfied Solutions Architect - Associate" certification from AWS.*	*External Training facilitated though alliance*	*3 days*	*Please contact LnD SPOC, <u>Kshama Sapre</u> to Express Interest in attending this course*

Azure Curriculum

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 0 **Microsoft Cloud (Azure) for the Enterprise**	*Get a high level understanding of the Azure cloud platform and its offerings*	*General Cloud concepts*** Recommended MyLearning Course: [Cloud Computing Fundamentals: Overview](#)*	*NA*	*Free, Self-Paced, Virtual Course available on MyLearning*	*1 hour*	*This course can be accessed from My Learning. [Click here](#) to launch the course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 1 **Azure Technical Essentials**	*This course introduces you to Azure products, services, and common solutions.*	*Good awareness of general cloud concepts and basic knowledge of Azure Cloud platform and its offerings.*	NA	*Facilitated Virtual (or classroom) Course which you can register for through MyLearning*	*1 day*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 2 **Developing Microsoft Azure Solutions**	*This course offers the opportunity to take an existing ASP.NET MVC application and expand its functionality as part of moving it to Azure. It focuses on the considerations necessary when building a highly available solution in the cloud. This course also prepares the students for the 70-532: Developing Microsoft Azure Solutions certification exam.*	*Participants must have experience working with the Azure platform. They will also need to have a general understanding of C# concepts for the lab scenario*	*Participants are encouraged to take up the "Developing Microsoft Azure Solutions" certification from Azure.*	*External Training facilitated though alliance*	*5 days*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 3 **MOC Workshop: Architecting Microsoft Azure Solutions**	*This course procides the architecture skills necessary to design solutions for Microsoft Azure.*	*Thorough knowledge and understanding of various components and offerings of the Azure cloud platform*	*Participants are encouraged to take up the "Architecting Microsoft Azure Solutions" certification from Azure.*	*External Training facilitated though alliance*	*3 days*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Pivotal Cloud Foundry Curriculum

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 0 **Cloud Native Concepts: (One Minute Reads)**	*A collection of commonly used terms, essential to the adoption and sales of Pivotal Cloud Foundry. Each concept page provides the Basics (1-2 min read) and Advanced (longer read) sections to help build your knowledge of PCF and Cloud native architectures*	*General Cloud concepts*** Recommended MyLearning Course: Cloud Computing Fundamentals: Overview*	*NA*	*Free, Self-Paced, Virtual Reading available on pivotal website*	*1 hour*	*Register at pivotal academy using your Capgemini ID, and then contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 1 **Spring Boot Developer e-Learning**	*This course offers hands-on experience with Spring Boot and its major features, including auto-configuration, data access, Actuator, and more. On completion, participants will have a foundation for creating enterprise-ready applications*	*Good awareness of general cloud Native concepts.*	*NA*	*Free, Self Paced, eLearning with online lab exercises available on pivotal website*	*3 days*	*Register at pivotal academy using your Capgemini ID, and then contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 2 **Pivotal Cloud Foundry Developer e-Learning**	*This e-Learning course provides students with the concepts and experience needed to work with and deploy applications on Pivotal Cloud Foundry. Students will gain experience in pushing apps to Cloud Foundry, accessing logs, and scaling.*	*Good understanding of Spring, WebServices, Cloud and general PaaS concepts.*	*Participants are encouraged to take up the "Pivotal Cloud Foundry Developer" certification from Pivotal. Please contact Cloud alliance team post completion of this course for pursuing this certification*	*Free, Self Paced, eLearning with online lab exercises available on pivotal website*	*5 days*	*Register at pivotal academy using your Capgemini ID, and then contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Google Cloud Curriculum

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 0 **Google Cloud Foundations**	*This course introduces you to the Google Cloud Platform and its offerings.*	*Good awareness of general cloud concepts*	*NA*	*Facilitated Virtual (or classroom) Course which you can register for through MyLearning*	*1 day*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 1 **Google Cloud Fundamentals: Core Infrastructure**	*This one-day instructor-led class provides an overview of Google Cloud Platform products and services.*	*Good awareness of general cloud concepts*	*NA*	*External Training facilitated though alliance*	*1 day*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 2 **Developing Solutions with Google Cloud Platform**	*This course introduces you to the Google Cloud Platform and its offerings.*	*Good awareness of general cloud concepts*	*NA*	*External Training facilitated though alliance*	*1 day*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*

Course Name	Course Objective	Pre-Requisite	Post Learning Activity	Course Type	Course Duration	Course Instructions
Level 3 **Architecting with Google Cloud Platform: Design and Process**	*This three-day instructor-led course introduces you to concepts and best practices for developing applications with Google Cloud Platform.*	*Good awareness of general cloud concepts and Google Cloud Platform*	*Participants are encouraged to take up the "Google Cloud Architect" certification from Google.*	*External Training facilitated though alliance*	*3 days*	*Please contact LnD SPOC, Kshama Sapre to Express Interest in attending this course.*