

DevOps



Caltech

**Center for Technology &
Management Education**

Post Graduate Program in DevOps

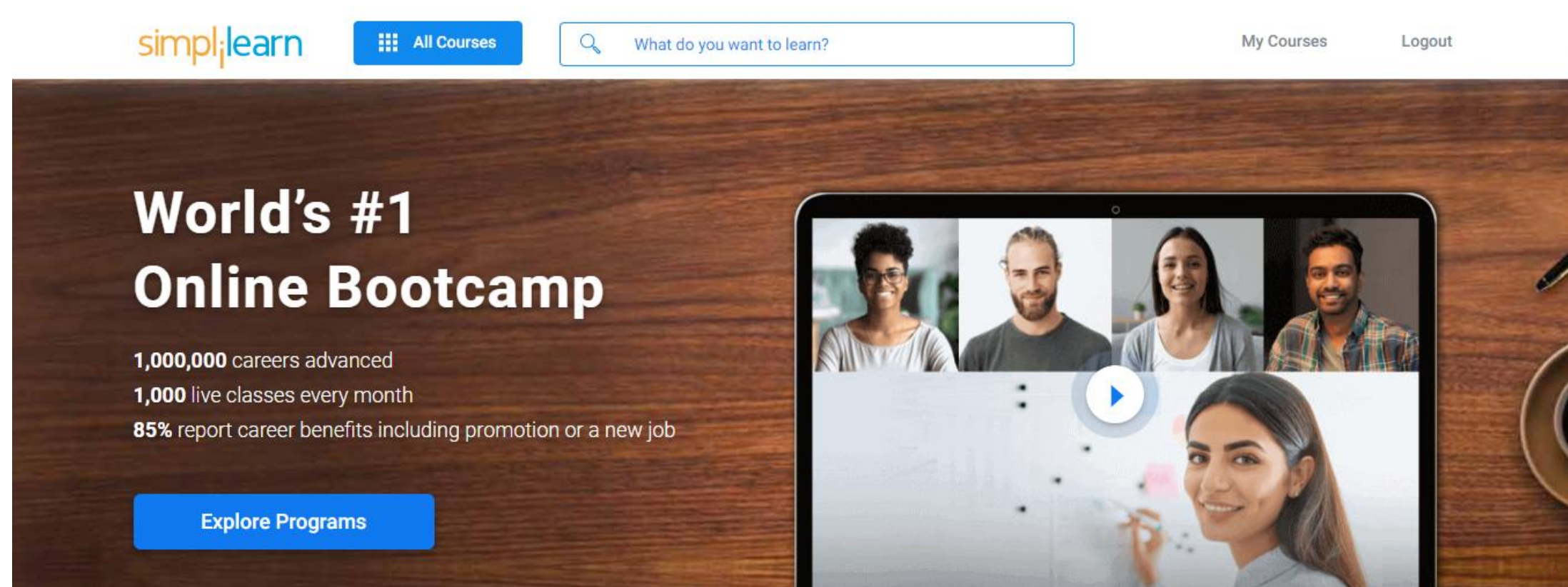


Course Introduction

About Simplilearn

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For over a decade now, Simplilearn is focused on digital economy skills.
Now, Simplilearn has become **World's #1 Online Bootcamp**.

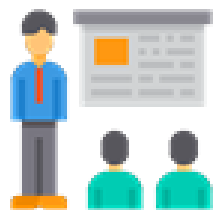


Simplilearn

At Simplilearn, we provide:



Live Virtual Classes



Self-Paced Learning Content



Interactive Labs



Real-Time Scenario-Based Projects



Prerequisites

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Here are the prerequisites for this course. Please ensure that the fundamentals of both the prerequisites are clear.



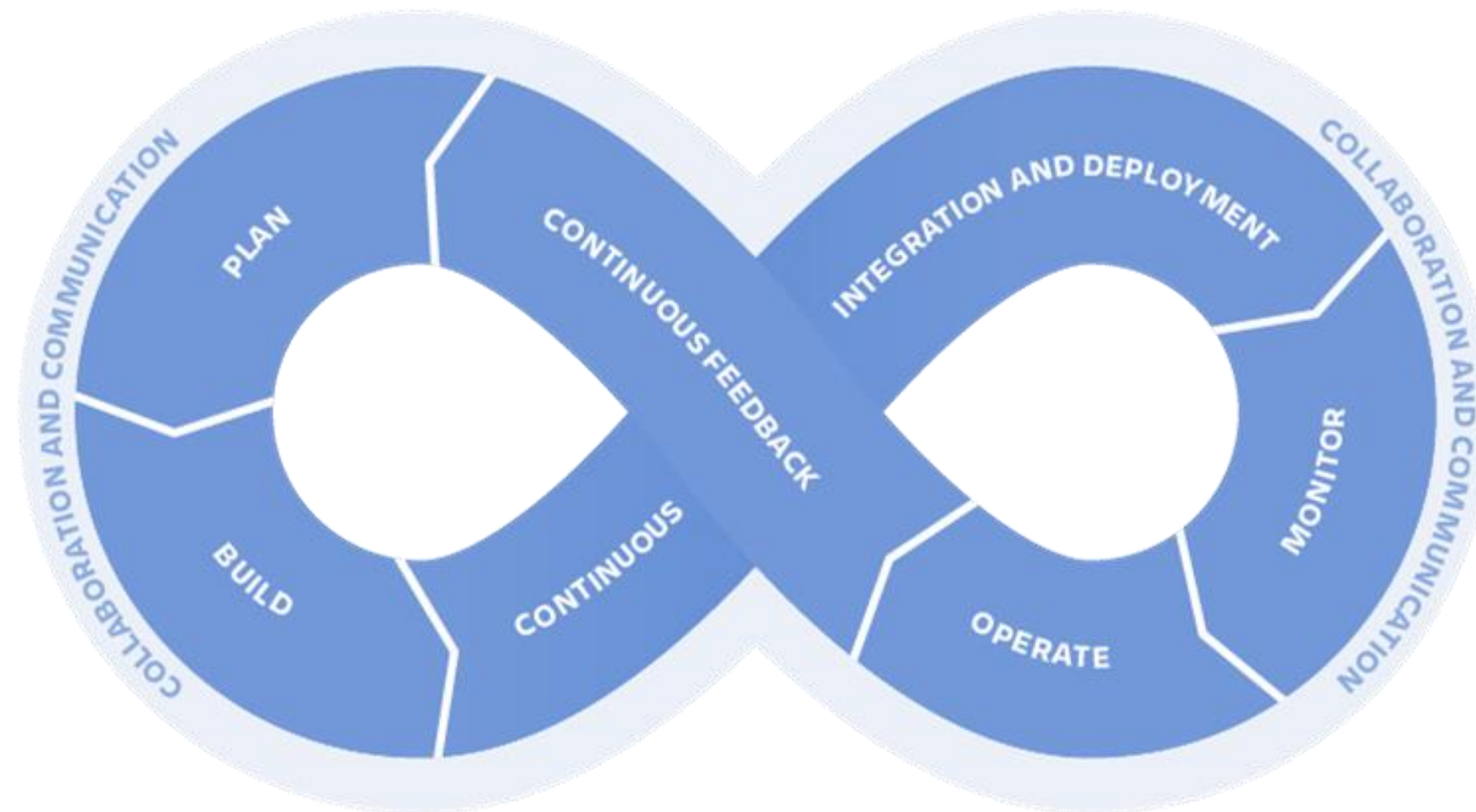
Linux



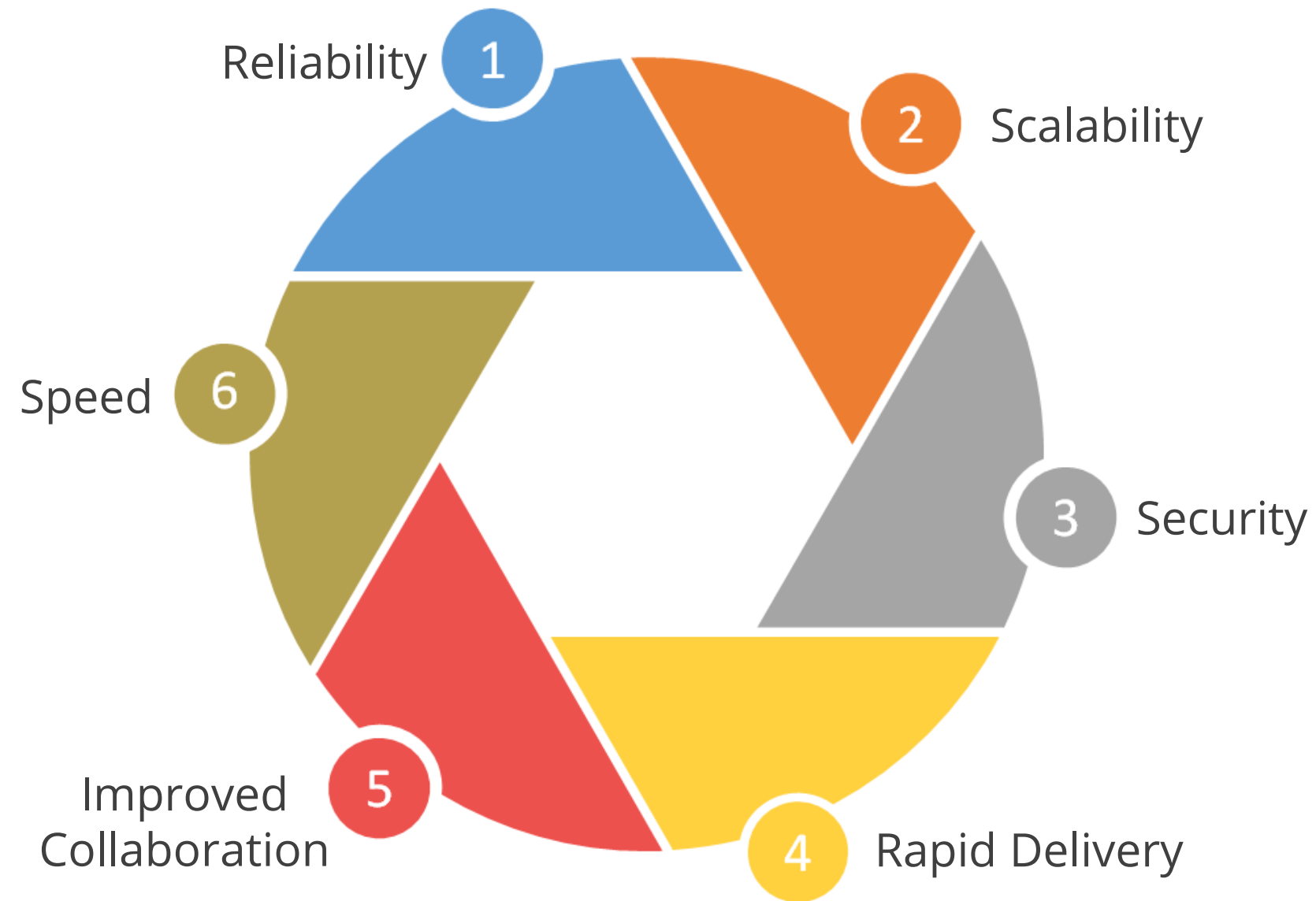
Introduction to DevOps

What is DevOps?

DevOps is a set of tools and practices, designed to shorten the software development life-cycle process.



Benefits of DevOps



Skills to be Covered

Git and GitHub

CI/CD Pipeline with Jenkins

Selenium

Ansible

Docker

Nagios

Kubernetes

Learning Path

Course Outline

01

Course Introduction

02

Linux Refresher

03

Introduction to DevOps

04

Version Control System

05

CI/CD Pipeline with Jenkins

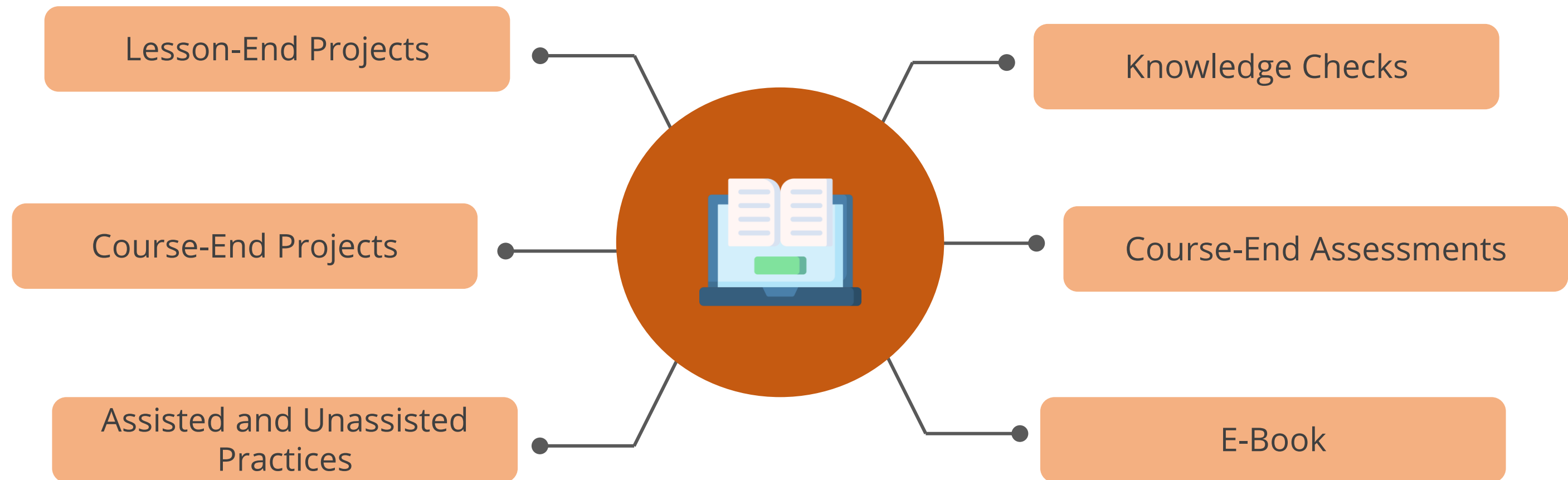
Course Outline

- 06 Software and Automation Testing Frameworks
- 07 Configuration Management with Ansible
- 08 Containerization with Docker
- 09 Continuous Monitoring
- 10 Kubernetes

Course Components

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Simplilearn's comprehensive learning platform will provide you an in-depth understanding of the key concepts with the help of the following course components:



Course Completion Criteria



simplilearn

Get Certified. Get Ahead.