

AWS Academy

AWS Cloud computing curriculum for higher education institutions to prepare students for industry-recognized certifications and in-demand cloud jobs

Bridging the gap between industry and academia

As cloud technologies continue to help organizations transform their businesses at a rapid pace, employees with the necessary cloud skills are in high demand. Industry research from Global Knowledge shows that 65% of IT decision-makers see hiring qualified talent as a challenge. AWS Academy enables education institutions to deliver curriculum and hands-on learning experiences to prepare students for employment in cloud roles.



Access AWS-authored curriculum

Ready-to-teach courses are designed to work in the semester format and include lectures, hands-on labs, and projects for an in-depth learning experience. Our resources are designed by AWS experts and updated as the industry evolves.



Build skills aligned with AWS Certification

Educators and students acquire AWS Cloud computing skills through hands-on practical experience and can prepare for AWS Certification with complimentary practice exams and 50% discounts on full exams.



Earn accreditation

Educators access complimentary AWS professional learning and personal support to achieve AWS Certification before teaching AWS Academy courses directly to students.

About the curriculum

AWS Academy currently offers four unique courses, enabling students to develop a range of skills and experiences in the AWS Cloud.

AWS Academy Cloud Foundations

This introductory course provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support. It contains 20 hours of course content and prepares students to pursue an AWS Certified Cloud Practitioner certification.

AWS Academy Cloud Architecting

This intermediate-level course covers the fundamentals of building IT infrastructure on AWS and helps students gain the skills they need to pursue the AWS Certified Solutions Architect – Associate certification. This course contains approximately 40 hours of content delivered through lectures, hands-on labs, and project work.

AWS Academy Cloud Developing

This intermediate-level course will help students gain technical expertise in development with cloud technologies. It will also help them prepare for the AWS Certified Developer - Associate certification exam. Upon completion, students will be able to develop with the AWS SDK and identify best practices for building and deploying applications in the AWS Cloud. This course contains approximately 40 hours of content delivered through lectures and hands-on labs.

AWS Academy Cloud Operations

This intermediate-level course will prepare students to pursue in-demand DevOps, support, and cloud operations roles at the entry level. It will also help them prepare for the AWS Certified SysOps Administrator – Associate exam. Through case studies, demonstrations, and hands-on activities, students will learn how to troubleshoot various scenarios and automate deployments of networks and systems on AWS. This course contains approximately 40 hours of content delivered through lectures and hands-on labs.

Learn more at
aws.amazon.com/training/awsacademy/