

# Get Ready for Your Career in **CLOUD**



**aws** academy





## Cloud technology has created a new language

AWS experts develop & maintain course curriculum, specifically for AWS Academy, that keeps pace with cloud innovation. Nebula Academy has instructors who have earned AWS Certifications and are accredited to teach AWS coursework. Through lectures, hands-on labs, group discussions, individual projects, and knowledge assessments, you'll gain a real-world understanding of AWS Cloud practices throughout the course of your studies.

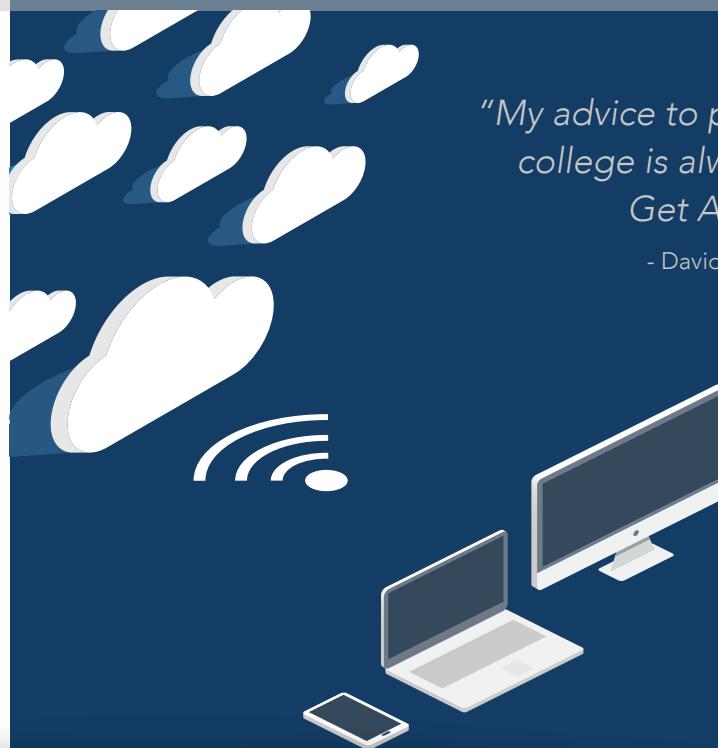
# A Bridge Between Academia & Industry

You are preparing for a professional future in the exciting and innovative world of IT. **But did you know that 68% of IT decision makers report a skills gap?** Amazon Web Services is addressing that skills gap and preparing students to join the workforce. That's where AWS Academy can help. Nebula Academy offers AWS-authored courses that will help you become AWS Cloud literate and master the in-demand skills that hiring companies need most.

AWS Academy is working with higher education institutions in over 30 countries to deliver curriculum that creates AWS Cloud Literate students. With hands-on, practical experience working directly in the AWS Console, students solve real-world, industry challenges and prepare for career success in a variety of cloud computing roles.

*"My advice to people leaving college is always the same:  
Get AWS-Certified."*

- David Linthicum, Infoworld





## Master skills that opens door

The AWS Academy program gives you access to the AWS Cloud skills and knowledge you need to hit the ground running after graduation. When you graduate, you'll have mastered skills that open doors to professional opportunities.

## Unlock even more opportunity with an AWS Certification

Forbes magazine has ranked AWS Certification as one of the top 15 most valuable IT certifications. AWS Academy courses are aligned with AWS Certifications, which means the things you learn are directly related to the industry-recognized validation measure. You can pursue AWS Certifications to validate and showcase your AWS Cloud skills. And, as an AWS Academy student, you'll receive one free practice exam and a 50% discount off your AWS Certification Exam.

# Top 5 Reasons to Register for AWS Academy Classes

1

### **It doesn't cost any extra**

AWS Academy curriculum is embedded into your coursework. We work with universities to blend the program into courses where it makes sense, so students can gain real experience.

2

### **Companies are actively seeking job applicants with AWS Cloud skills.**

58% of employees request AWS skills by name in listings that require "cloud computing" skills.<sup>ii</sup>

3

### **You'll gain confidence that will carry you through and beyond your interviews**

AWS Academy gives you real practice with AWS Cloud technology and real experience architecting cloud solutions.

4

### **You can earn more money in your future career**

The average salary of an AWS Certified IT employee is 29% higher than non-certified staff.<sup>iii</sup>

5

### **You could be happier in your job.**

Global Knowledge reports that IT professionals with recent training are 30% more satisfied in their roles.<sup>iv</sup>



#### Source:

- i. Global Knowledge 2017 IT Skills and Salary Report
- ii. "Are You on the Right Cloud Computing Career Path?" SearchCloudComputing, searchcloudcomputing.techtarget.com/feature/Are-you-in-the-right-cloud-computing-career-path.
- iii. Columbus, Louis. "15 Top Paying IT Certifications in 2018," Forbes.com, March 12, 2018
- iv. Global Knowledge, IT Skills and Salary Report. "<https://images.globalknowledge.com/wwwimages/web/salary-report-global-knowledge-en-ww.pdf>" 2018 IT Skills and Salary Report. 2018

# AWS Academy Courses

## Academy Clouds Foundation (ACF)

### Description:

AWS Academy Cloud Foundations is intended for students who seek an overall understanding of cloud computing concepts, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS core services, security, architecture, pricing and support.

### Intended Audience:

This introductory (Level 100) course is intended for AWS Academy member institutions.

### Prerequisites:

This is an entry-level course, but it assumes the following: General IT technical knowledge and General IT business knowledge

### Delivery Method:

This course is delivered through a mix of Instructor-Led Training (ILT), videos, LMS-hosted content, assessments and hands-on labs.

### Hands-On Activity:

This course allows you to test new skills & apply knowledge to your working environment through a variety of practical exercises

Duration: 28 Hours

### Course Outline:

- Module 1: Cloud Concepts
- Module 2: AWS Core Services
- Module 3: AWS Security
- Module 4: AWS Architecting
- Module 5: Cloud Support



# AWS Academy Courses

## Academy Cloud Architecting (ACA)

### Description:

Academy Cloud Architecting covers the fundamentals of building IT infrastructure on Amazon Web Services. The course is designed to teach solutions architects how to optimize the use of AWS Cloud by understanding AWS services and how these services fit into cloud-based solutions. Because architectural solutions can differ depending on industry, type of applications, and size of business, this course emphasizes best practices for the AWS Cloud, and it recommends various design patterns to help you think through the process of architecting optimal IT solutions on AWS. It also presents case studies throughout the course, which showcases how some AWS customers have designed their infrastructures, and the strategies and services that they implemented. Finally, this course also provides opportunities to build a variety of infrastructures via a guided, hands-on approach.

### Intended Audience:

This advanced (Level 200) course is intended for AWS Academy member institutions.

### Prerequisites:

To ensure success in this course, it is preferred that you have:

- Completed the Academy Cloud Foundations (ACD) course or have equivalent experience
- A working knowledge of distributed systems
- Familiarity with general networking concepts
- A working knowledge of multi-tier architectures
- Familiarity with Cloud Computing concepts

### Delivery Method:

This course is delivered through a mix of Instructor-Led Training (ILT), videos, LMS-hosted eLearning Modules, Discussions, Projects and assessments.

### Hands-On Activity:

This course allows you to test new skills and apply knowledge to your working environment through a variety of discussions and practical exercises.

**Duration:** 40 minutes

### Course Outline:

- Module 0: AWS Review (Optional)
- Module 1: Course Welcome
- Module 3: Designing Your Environment
- Module 3: Designing for High Availability (Section 1)
- Module 4: Designing for High Availability (Section 2)
- Module 5: Automating Your Infrastructure
- Module 6: Decoupling Your Infrastructure
- Module 7: Designing Web-Scale Media
- Project 1: Designing a Cloud Solution
- Module 8: Is Your Infrastructure Well-Architected?

### Coming Soon!

Look out for the AWS Academy Cloud Operations (ACO) and AWS Academy Cloud Developing (ACD) courses! Visit our website [aws.nebulaacademy.com/](http://aws.nebulaacademy.com/) to learn more!

