

AWS CLOUD APPRENTICESHIP SYLLABUS

BOOTCAMP



NEWApprenticeship
Experience » Learn » Lead

OVERVIEW



In today's job market, candidates need a competitive edge. New Apprenticeship aims to equip you with Amazon Web Services (AWS) expertise and help you launch a career in cloud computing. Our 12-month program will provide you with Linux Operating System and computer networking skills, Python scripting, and AWS Cloud Computing Fundamentals. Additionally, you will learn how to properly position your resume to stand out to hiring managers. Combining skill development with job placement training from the start of the apprenticeship, our candidates find jobs more quickly than traditional job-search methods.

Our [New Apprenticeship Team](#) will be happy to connect with you to answer any questions you have about the program.

FUNDING PROVIDED BY



All New Apprenticeship Pre-Apprenticeship and Apprenticeship Programs are brought to you at no cost by our grant partners not limited to the Department of Labor, Workforce Boards, and Employers. By entering the program, you acknowledge and agree to complete and submit documentation and comply with the requirements for eligibility. Please direct questions to grants@newapprenticeship.com.

WHAT TO EXPECT



Upon completion of the bootcamp, learners will be able to:

- Illustrate competency with the utilization of Linux-based programs and/or modules
- Explain and demonstrate the use of Python for automation
- Demonstrate problem resolution techniques common within IT infrastructures
- Summarize and explain the key factors of migrating to an AWS Cloud Infrastructure



COURSE DESCRIPTION



In this online training, live instructors will lead the facilitation of the foundations for cloud computing in both technical and communication skills. Participants will be prepared to apply for an entry-level cloud computing role and build a basic understanding and knowledge in cloud fundamentals. They will be eligible to obtain the AWS Cloud Practitioner certification to enhance their knowledge base and attract strong job offers. The coaching includes job preparedness and identification, interview preparation, resume development, and networking. Coaching is facilitated to prepare the participant's resume, and develop communication skills to effectively communicate and present their skill set to their future employer.

CURRICULUM MAP



Week	Topics	Portfolio Project
1-2	Linux Bash Shell & Scripting (Custom Course) (S1) Introduction to Bash Scripting (S2) Variables, Control Structures and Arithmetic (S3) Using Filters, Parameter Expansion, and Advanced Bash	Development & deployment of LAMP stack
2-3	<u>Introduction to Computer Networking</u> (S1) Networking Basics & Infrastructure (S2) Network Operations (S3) Network Security	Custom Labs (3) Includes Exam
4	<u>Python Essential Training</u> (S1) Installation, Python Basics, and Elements (S2) Variables, Expressions, and Statements (S3) Conditional Execution & Structures	DATA CAMP <input type="checkbox"/>
5	Python Essential Training	Python based static website hosted on



	(S4) Functions, Loops, Iterations & Strings (S5) Files, Lists, Dictionaries, Tuples & Expressions (S6) Objects, Modules, Databases, JSON & APIs	LAMP stack
6	<u>AWS</u> (S1) Introduction to AWS (S2) Compute in the Cloud (S3) Global Infrastructure & Reliability	
7	AWS (S4) Networking (S5) Storage & Databases (S6) Security	
8	AWS (S7) Monitoring & Analytics (S8) Pricing & Support (S9) Migration & Innovation	
9	AWS (S10) The Cloud Journey (S11) AWS Certified Cloud Practitioner Basics & Course Final (S12) Certification Prep & Scheduling	Exam & Certification

FAQS

Am I guaranteed a job after bootcamp?

No. You are guaranteed at least 1 interview with a partner company if you complete the bootcamp in good standing.

How much does the program cost?

Bootcamp is free for all participants of the Apprenticeship program (\$3,000 value). All costs are covered by available grant funds as well as contributions from our Employer Partners. We do ask that you provide any necessary documentation and collaborate with the NEW grants team for approval of available grant funds.

How much does the full-time apprenticeship role pay?

We have multiple partner companies hiring apprentices and therefore, the salary can vary. The minimum salary offered is \$35k with an expected offer range between \$35k and \$40k.

Associate Degree = \$40k, High School Diploma = \$35k

Does the apprenticeship program require an in-person training?

All training, coaching, and mentoring provided by New Apprenticeship is remote. However, your employer may require you to work in-office upon acceptance of a full-time job.

What is the job title and job description?

Since we have multiple employer partners, your job title and description may vary slightly, but it should be similar to AWS Cloud Computing Specialist. For an example job description, search other cloud computing roles to better understand day-to-day responsibilities in similar positions.



"My apprenticeship has been amazing so far. The level of support I get from the program staff here has helped me accelerate my professional development." - Sabeel Khurram

LAUNCH YOUR NEW CAREER

Our [New Apprenticeship Team](#) is excited to connect with you and answer any questions you may still have!

You may also get started by taking the next step here:

[APPLY TODAY](#)