



CLOUD COMPUTING WITH AWS (Amazon Web Services)

No matter what your skill level is, we'll train you for a successful career in Cloud Engineering. Our program will enhance your qualifications, prepare you for AWS certifications, and open doors to greater opportunities. Give your income a boost as a professional in one of the highest-demand IT positions!

SCHEDULE

Jan. 27th, 2025

22 WEEKS

Don't miss the chance to elevate your career—enroll now and lead the future of web development!

You can train to become a Solutions Architect or Cloud Engineer.

This non-credit online Clarusway partnership with the Division of Continuing Studies at the University of Wisconsin-Madison is designed to train students for AWS certification.

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ABOUT THIS PROGRAM

- ◆ **As technology continues to advance at an unprecedented pace, businesses across the globe are constantly seeking new ways to leverage the latest tools and infrastructure to improve their operations.** In recent years, Cloud computing has grown to be an essential part of contemporary company operations as the globe continues to move toward digital transformation.
- ◆ **AWS Cloud Computing Bootcamp was designed to prepare students with the knowledge they need to tap into today's digital technology and seek to harness the power of cloud computing with AWS.** The AWS infrastructure, security, storage, computation, networking, databases, and application services are just a few of the many areas it covers.
- ◆ **AWS Solutions Architect or Cloud Engineer roles are vital for both tech and non-tech companies to leverage the power of cloud computing.** Secure a job in this field by learning the specific skills in our AWS Solutions Architect course program which covers entirely designing, developing, and managing cloud infrastructure and assets.

KEY FEATURES OF THE PROGRAM

- ✓ 22-weeks online program.
- ✓ Study part-time while maintaining your existing professional, educational, or personal obligations.
- ✓ Learn through live online classes, hands-on activities, and real-world projects three days per week
- ✓ Dedicate 9 hours of scheduled in-class time per week and a minimum of 10+ hours as post-class activities to practice.



WHO SHOULD ATTEND?

This program is ideal for individuals seeking a fresh start in cloud technology as Solution Architects or Cloud Engineers. We train students to craft and implement solutions for intricate application designs and deploy cloud-based systems.

It's also beneficial for those transitioning into the tech sector, aiming to progress in their current career, or broaden their knowledge base.



PROGRAM BENEFITS

- ✔ **Comprehensive Curriculum:** Dive into a rich curriculum covering network basics, Linux scripting, AWS cloud services, security protocols, and more, ensuring a well-rounded understanding of cloud computing with AWS.
- ✔ **Hands-on Learning:** Engage in practical, hands-on activities and real-world projects, with over 40 hands-on exercises and 4 portfolio projects, providing you with the practical skills needed to excel in cloud computing.
- ✔ **Expert Instruction:** Learn from industry experts through interactive live classes, gaining insights and knowledge from professionals with real-world experience in cloud computing and AWS services.
- ✔ **Flexible Schedule:** Balance your current commitments with our part-time, 22-week online program, offering live classes three days a week, allowing you to enhance your skills without disrupting your professional or personal life.
- ✔ **Supportive Community:** Join a supportive community of peers, embarking on a transformative journey together, with maximum support from instructors and fellow classmates throughout the program.
- ✔ **Certification Preparation:** Prepare for AWS certification exams with dedicated exam preparation sessions, empowering you to pursue roles as AWS Solutions Architects or Cloud Engineers, or to advance within your current career in the tech sector.



PROGRAM CURRICULUM

Duration: 22 weeks

Module 1

Weeks 1-2

Networks Basics

- Introduction to Computer Networks
- OSI and TCP/IP Model
- IP Addressing
- Subnetting
- IP Routing
- Troubleshooting

Module 2

Weeks 3-5

Linux CLI and Bash Scripting

- Introduction to Linux
- Command Line Basics
- File management
- Environment Variables
- Using Package Managers
- Filters and Control Operators
- Shell Scripting

Module 3

Week 6

Git / GitHub

- Introduction to Git
- Local Git Operations
- Branches & Merge & Conflicts
- GitHub

PROGRAM CURRICULUM

Module 4

Weeks 7-19

AWS Cloud Services

- Identity & Access Management (IAM)
- AWS Organizations & SSO
- EC2, Elastic Block Store (EBS), Elastic Load Balancing (ELB), Auto-Scaling
- Simple Storage Service (S3), Elastic File Storage (EFS)
- Virtual Private Cloud (VPC)
- CloudWatch
- CloudFormation
- Lambda & API Gateway
- Cloudfront & AWS Security (WAF)
- AWS CLI
- RDS & Databases (MariaDB, MySQL, DynamoDB)
- SQS & SNS & Kinesis
- Domain Name System (DNS) & Route 53
- ElastiCache
- 4 Portfolio Projects

PROGRAM CURRICULUM

Module 5

Week 20

Final Project

- Blog Page Application (Django) deployed on AWS Application Load Balancer with Auto Scaling, S3, Relational Database Service(RDS), VPC Components, Lambda, DynamoDB and Cloudfront with Route 53

Module 6

Weeks 21-22

AWS Certification Exam Preparation

- Live Q&A Sessions for Cloud Practitioner and Solutions Architect Associate Certification Exams

LEARNING OBJECTIVES

- ✔ **To learn Cloud Computing and Technologies with AWS through a Dynamic Cloud Computing Boot Camp curriculum that covers market-driven technologies including the most demanding AWS Services in the Industry.**
- ✔ **To gain practical skills through hands-on activities in this dynamic online Cloud Computing Program and delve into the latest cloud computing services, tools, frameworks, and best practices for a comprehensive learning experience.**
- ✔ **To work together with class peers and take your new skills to the next level on challenging projects, building a portfolio of apps and projects to showcase your knowledge.**



PRICING PLAN

PRICE	UPFRONT (Discounted)	INSTALLMENT PLAN
\$8,950	\$8,000	\$1,790 /mo. 5 Months

CLOUD COMPUTING WITH AWS CLASS SCHEDULE

Day	Time (CT)	Class
Monday	6:00 p.m. to 9:00 p.m.	Live Class (Online)
Tuesday	-	-
Wednesday	6:00 p.m. to 9:00 p.m.	Live Class (Online)
Thursday	-	-
Friday	6:00 p.m. to 9:00 p.m.	Live Class (Online)
Saturday	-	-
Sunday	-	-

APPLICATION PROCESS



STEP-1

Let's get started to give your career a boost!

Review our schedule and pricing on page 10 so you know what to expect. Have a question? Schedule a time to talk to an academic advisor [HERE](#)



STEP-2

Submit application

Let's get started!

Join our program by [submitting your application](#) and choosing a start date. General application will take approximately 3-4 minutes and does not contain a technical assessment. This is followed by a 30-minute interview with an admissions team member.



STEP-3

Tuition & financing

An Admissions Advisor will help you find the best solution for your budget. Don't worry, we offer a variety of plans to suit almost anyone.



STEP-4

Final step - it's go time!

Once you're accepted, you will receive an Enrollment Agreement. An Admissions Advisor will create your Learning Management System (LMS) log-in and Slack account. We will assist you in getting started so you're ready to go!

CERTIFICATE OF COMPLETION



Division of Continuing Studies at the
University of Wisconsin-Madison and Clarusway

certify that

Sally Johnson

has successfully completed the online program

AWS (Amazon Web Services) Cloud Engineering



**The image is for illustrative purposes only. The actual certificate is subject to change at the discretion of the Division of Continuing Studies at the University of Wisconsin-Madison*



CLOUD COMPUTING WITH AWS (Amazon Web Services)

APPLY NOW



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