CIT, CLOUD COMPUTING, ASSOCIATE OF APPLIED SCIENCE

For more information, students may contact South campus, 281-929-4603.

Campus

South Campus

Program Information

The Cloud Computing Associate of Applied Science (AAS) degree provides interested individuals education, training, the knowledge, skills, and concepts necessary to serve as a cloud support technician.

Upon completion of the program, students will develop the fundamental skills necessary to support and manage infrastructure and workloads on cloud platforms such as Amazon Web Services (AWS) and Microsoft Azure. The Cloud Computing AAS includes coursework in key areas: introduction to computers, fundamentals of cloud computing, cloud deployment and infrastructure management, cloud database technologies, cloud networking and security, server support concepts, Linux, and scripting languages such as Python and PowerShell. Fundamentals of Cloud, Security, and Networking technologies are stressed with a focus on implementation and support skills.

Career Opportunities

- Cloud Technician
- Application Developer
- Solution Architect
- Cloud Engineer
- Client Facing Technical Support Engineer (Cloud Security)

Earning Potential

As of Jan 15, 2021, the average annual pay for a Microsoft Azure developer in the United States is $118,782 a year, which works out to be approximately $57.11 an hour. This is the equivalent of $2,284/week or $9,898/month.

The average Azure Engineer salary in the US is $135,000 per year or $69.23 per hour. Entry level positions start at $87,750 per year.

As of Jan 15, 2021, the average annual pay for an Entry Level Cloud Engineer in the US is $85,161 a year or approximately $40.94 an hour.