

Cloud Certificate

The Cloud Certificate at JCCC prepares students to enter the growing field of cloud computing. Students will establish foundational information technology and cloud computing knowledge, focusing on building skills using industry leading platforms Amazon Web Services (AWS), Microsoft Azure, VMware, and Google Cloud. Students will master competencies in networking, operating systems, cloud concepts, cloud security, computing, storage, and virtualization.

(Major Code 4680; CIP Code 11.0901)

Networking & Cybersecurity Program web page (<http://www.jccc.edu/academics/credit/networking-cybersecurity/>)

Program Learning Outcomes

Johnson County Community College (JCCC) is committed to offering high-quality affordable programs that focus on developing knowledge and skills conducive to life-long learning. Both the General Education Student Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/learning-outcomes.html>) and Institutional Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/institutional-learning-outcomes.html>) convey JCCC's approach to programmatic outcomes. Additionally, students who successfully complete the Cloud Certificate from JCCC will be able to:

- Configure and troubleshoot networking technologies, including Internet Protocol (IP) connectivity, IP services, and security fundamentals.
- Install, configure, and maintain device operating systems including Windows and Linux.
- Describe cloud concepts and apply them to modern environments.
- Manage and maintain leading cloud platforms, including AWS, Microsoft Azure, and Google Cloud.
- Configure cloud security, networking, computing and storage.

Certificate Requirements

First Semester

Code	Title	Hours
IT 120	CompTIA A+ Core 2	3
IT 141	Introduction to Networks	3
IT 230	Linux Fundamentals	3
Total Hours		9

Second Semester

Code	Title	Hours
IT 152	Google Cloud Fundamentals*	3
IT 153	AWS Cloud Foundations*	3
IT 155	Microsoft Administration Fundamentals*	3
Total Hours		9

Third Semester

Code	Title	Hours
IT 207	AWS Cloud Operations*	3
IT 223	Azure Administration*	3
Total Hours		6

Total Program Hours: 24

* This course has registration requirements.