Infrastructure Automation Certificate
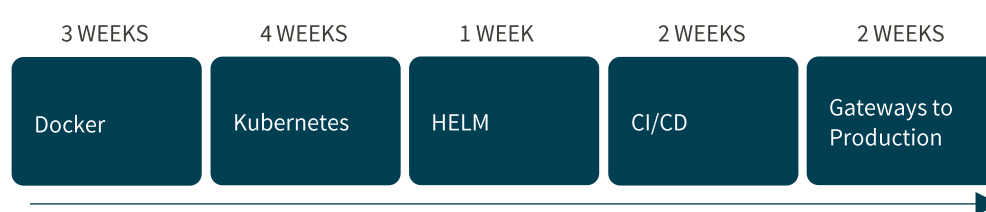
Build and manage cloud technology pipelines and containers.

IT Systems management and software development professionals are relied upon to develop and maintain resilient solutions using emerging cloud technologies.

This 12-week program is intended for individuals with pre-requisite knowledge of IT infrastructure practices and tools including: GitHub, Amazon Web Services, Networking fundamentals, Java tool, and YAML. The program, which Columbus State designed in partnership with Nationwide, covers cloud technology tools and processes to manage software pipelines and containers using Docker and Kubernetes. Students will apply their learning through hands-on labs and learn additional tools and processes with HELM charts and CI/CD concepts.

Participants benefit from a mix of online coursework and virtual real-time instruction. Participants should expect to spend up to 10–15 hours per week on coursework, depending on the level of technology background. Students who complete this program will receive a certificate of completion from Columbus State.

Infrastructure Automation Certificate (12 weeks)

3 WEEKS	4 WEEKS	1 WEEK	2 WEEKS	2 WEEKS
Docker	Kubernetes	HELM	CI/CD	Gateways to Production

COLUMBUS STATE
INFRASTRUCTURE AUTOMATION

Advancing Opportunity Through Partnership
The Infrastructure Automation Certificate, designed in partnership with Nationwide, provides adult learners a convenient and flexible way to enhance their careers with in-demand IT skills.

For more information email <u>workforce@cscc.edu</u> or visit <u>cscc.edu/it-workforce</u>.