

# Information & Computer Science (Cloud Security Specialist): Certificate of Competence

## Description

Students will be introduced to the essentials of computer security in the cloud. They will perform basic ethical (white hat) hacking, and learn about the moral and legal issues that are involved while performing the learned techniques. Students will use tools to validate user's identity and prevent data from leaving an organization's perimeter. Students will learn tools to deploy a zero trust network.

## Program Learning Outcomes

- Utilize methodologies and tools that assist with discovering and securing data in the cloud.
- Apply techniques involved with Ethical Hacking.
- Utilize methodologies and tools that will assist in deploying a zero trust network.

**Program:** [Information & Computer Science](#)

**Type:** Certificate of Competence (CO)

## Required Courses

Item #	Title	Credits
ICS 215	Introduction to Scripting	3
ICS 281	Ethical Hacking	3
ICS 284	Cloud Security	3
	<b>Total credits:</b>	<b>9</b>