

# CLOUD COMPUTING AND SECURITY SKILLS CERTIFICATE

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**Division: Business and Computer Information Systems**

**PROGRAM CODE:** 2C43874

This **Cloud Computing and Security Skills Certificate** program provides training in preparation for immediate employment in business, government and industrial organizations utilizing cloud computing services. It provides skills needed for career entry and/or advancement in such positions as cloud computing specialist, cloud architect and cloud engineer. The Cloud Computing and Security Skills Certificate is designed to prepare students for an entry-level position supporting organizations using cloud computing services in the field of information technology. A grade of C or better is required in each course taken. This certificate requires 12 units.

Code	Title	Units
Required Courses (12 Units):		
CIS 235 F	Introduction to Cloud Computing	3
CIS 237 F	Cloud Computing Architecture	3
CIS 238 F	Cloud Computing Database Essentials	3
CYBR 260 F	Cloud Security	3
<b>Total Units</b>		<b>12</b>

## **Program Level Student Learning Outcomes**

**OUTCOME 1:** Design, select and implement essential cloud computing components to satisfy user needs in a business environment.

**OUTCOME 2:** Deploy and administer cloud computing services.

**OUTCOME 3:** Communicate effectively with users to diagnose and resolve cloud-related issues.

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