



### **Enterprise Cloud Computing**

College Credit Certificate | Code: 66058 | 24 Credits

**CIP:** (0511100116)

Effective Term: Summer 2021 (2215)

The Enterprise Cloud Computing Credit Certificate program is designed to provide an opportunity to establish foundation in architect scalable, highly available application solutions that leverage cloud computing services. Utilizing best practices focusing on cloud security, cost, and reliability, graduates of the CCC in Enterprise Cloud Computing will utilize core design patterns and infrastructure expertise to implement solutions to deploy and maintain workloads and applications. Graduates are prepared for positions as entry-level Solutions Architect, Cloud Architect, Cloud Engineer and Cloud Application Architect.

#### **MAJOR CORE REQUIREMENTS (24.00 Credits)**

|           |                                   |             |                       |
|-----------|-----------------------------------|-------------|-----------------------|
| CGS 1540C | Database Concepts Design          | (4 Credits) |                       |
| CTS 1111  | Linux +                           | (4 Credits) |                       |
| CTS 1134  | Networking Technologies           | (4 Credits) |                       |
| CTS 1145  | Cloud Essentials                  | (4 Credits) |                       |
| CTS 2375C | Cloud Infrastructure and Services | (4 Credits) | Pre-Req CTS 1145      |
|           |                                   |             | Co-Req CTS 2960       |
| CTS 2960  | Cloud Computing Capstone          | (4 Credits) | Departmental Approval |