

# CLOUD COMPUTING, CERTIFICATE OF PROFICIENCY (CCCP)

## Curriculum

First Semester		Hours
CS 101	Introduction to Computer Science	3
CS 113	Database Management Systems	3
NET 110	Network Communications	3
NET 116	Microsoft Server I: Installation and Storage	4
<b>Hours</b>		<b>13</b>
Second Semester		Hours
CS 142	Introduction to Cloud Computing Concepts and Administration using Microsoft Azure	3
CS 143	Introduction to Cloud Computing Concepts and Administration using Amazon Web Services	3
NET 230	Linux Operating Systems I	4
<b>Elective by Pathway</b>		<b>3-4</b>
Cloud Software Developer Pathway Select One:		
CS 102	Introduction to Python	
CS 104	Introduction to Java Programming	
CS 202	Intermediate Python	
CS 204	Intermediate Java Programming	
CS 206	PHP/MySQL	
CS 212	Data Structures and Algorithms	
CS 214	jQuery/JavaScript	
CS 240	Responsive Web Design	
Cloud Engineer/Architect Pathway Select One:		
NET 117	Microsoft Server: Networking	
NET 142	Cyber and Network Security Concepts	
<b>Hours</b>		<b>13-14</b>
Third Semester		Hours
CS 242	Azure Cloud Architect Technologies	3
CS 243	Amazon AWS Cloud Solutions Architecture	3
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>32-33</b>