

VIRTUALIZATION AND CLOUD COMPUTING, CERTIFICATE OF ACHIEVEMENT

Banner Code: 1_CM_CSVC

Control Number: 42620

Not Financial Aid Eligible

Completion of this certificate will enable students to acquire the skills needed by professionals in information and communication technologies to develop and support virtualization, cloud computing and datacenter and cloud storage. This career is an emerging IT-related career that sees high demand and growth.

Program Outcome

Students who receive the Virtualization and Cloud Computing Certificate of Achievement will be able to design, implement, troubleshoot and repair virtual hardware and software. This is inclusive of servers, networks, storage, data centers and cloud solutions. This skillset is vital for jobs as virtualization engineer, virtualization administrator, cloud engineer, cloud administrator, storage engineer, storage administrator, IT security administrator, IT security analyst, network administrator, network engineer, and data center technician.

Review Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/certificates/#achievementtext>).

| Course | Title | Units |
|-------------------------|--|-----------|
| Required Courses | | |
| CHT A280 | Information and Storage Management | 3 |
| CHT A281 | Cloud Infrastructure & Services | 3 |
| CHT A285 | VMware View: Installation, Configuration & Management | 3 |
| CHT A286 | VMware vSphere: Installation, Configuration & Management | 3 |
| Total Units | | 12 |

These sequences at Orange Coast College are general course curriculum maps for students to finish all major and general education requirements for two-year completion of degrees, and/or fulfillment of transfer requirements. The course sequence may include course prerequisites and other placement requirements. **Students are advised to meet with an Orange Coast College Counselor to review course selections and sequences to ensure that completion of this program will meet a student's transfer and career goals.**

| Course | Title | Units |
|-------------------|---|-------|
| Year 1 | | |
| Semester 1 | | |
| CHT A280 | Information and Storage Management | 3 |
| CHT A281 | Cloud Infrastructure & Services | 3 |
| CHT A285 | VMware View: Installation, Configuration & Management | 3 |

| Course | Title | Units |
|----------|--|-----------|
| CHT A286 | VMware vSphere: Installation, Configuration & Management | 3 |
| | Units | 12 |
| | Total Units | 12 |