



CURRICULUM GUIDE 2021-2022

VIRTUALIZATION AND STORAGE ADMINISTRATION

Certificate of Accomplishment in Virtualization and Storage Administration

INTEREST AREA: SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

Upon completion of this program students will develop knowledge and skills necessary to support dynamic IT infrastructures and utilize virtualization technologies to optimize efficiency, resiliency, and control over complex network environments. Students will learn about the technologies required to build classic, virtualized, and cloud data center environments. They will also gain practical experience with Microsoft Server 2012, VMware vSphere, and Microsoft Hyper-V technology; enhance skills with emerging information storage and management solutions; and prepare for VMware, Microsoft, and EMC certification exams.

Requirements for Certificate of Accomplishment

- a) Complete satisfactorily the courses listed for the particular certificate.
- b) Complete at least 50% of the required units at Ohlone College.
- c) Maintain a 2.0 grade point average.

Student Learning Outcomes

1. Install, operate, maintain, secure, and troubleshoot basic virtualization and storage hardware and software services.
2. Configure, deploy, and manage virtual machines.
3. Produce clear written documentation, following industry best-practices, on work performed.

CNET-120	VMware: Install, Configure, Manage	2
CNET-122A	Information Storage and Management – EMC	2
CNET-122B	Cloud Infrastructure and Services	2
CNET-155A	Introduction to Networks (CCNA1)	3
CNET-162	Windows Server Installation and Configuration Administration	<u>2</u>
		11