

VALENCIA COLLEGE

Division of Engineering, Computer Programming, and Technology

Department of Network Engineering Technology

West Campus Building 9, Room 140 (407) 582-1902/1903

<http://valenciacollege.edu/west/engineering/>

Course Title & credit hours: Cloud Infrastructure Security, CNT 2426C; 3 credit hours

Catalog Course Description: Prerequisite: CET2544C. This course provides a broad and deep understanding of cloud computing operations with emphasis on cloud platform and infrastructure security. Topics such as building block technologies of the cloud (virtualization, storage, and networking), cloud data security, operation, and systems management will be discussed. Related hands-on lab exercises will allow students to apply learned concepts.

Class Time and Location: This course will be delivered online. There are no face-to-face meetings. You must have a computer with reliable internet access.

Textbook: You will have free access to the online curriculum including the textbook and all labs. However, for your final exam you are required to purchase and take the AWS Certified Cloud Practitioner certification exam. The cost of this exam is **\$50.00**.

Professor's Information:

Name: Soheyly Nakhai

Office: West Campus Building 11 room 311

Email: snakhai@valenciacollege.edu

Office Hours: TBA

Student Performance Assessment:

Module Knowledge Check (on AWS academy) -----	10%
Lab Assignments ¹ (on AWS academy; submit report thru Valencia Canvas) -----	45%
Threaded Discussions ² (on Valencia Canvas) -----	15%
Midterm Exam (on Valencia Canvas) -----	10%
Final Exam ³ (Must take the AWS Certified Cloud Practitioner exam) -----	20%
A 90-100; B 80-89; C 70-79; D 60-69; F < 60	

¹To get the full credit, you must submit your lab assignments within the week assigned. Late submission of **up to 3 days past due date** will be accepted, however 20% will be deducted from the grade. Please note that 3 days past due date the link will disappear, and you will no longer be able to submit the assignment.

²**Threaded Discussions** – To receive FULL credit you must post at least one thoughtful and substantial responses to each discussion.

³**Final Exam** is cumulative & required.

Notes: The syllabus and course outline may be changed at any time at the instructor's discretion.

Course Outline

Week 0f	Material to be covered	Assignments*
TBA	TBA	TBA

**** No Show Policy**

Class attendance is required for face-to-face classes beginning with the first class meeting.

In an online class, your attendance will be recorded with the completion of an academically related activity during the first week of class. Students who do not submit the academically related activity or assignment by the scheduled due date will be withdrawn by the instructor at the end of the first week as a "no show". If you are withdrawn as a "no show," you will be financially responsible for the class and a final grade of "WN" will appear on your transcript for the course."