Basic Course Information

Semester:	**Fall 2024**	Instructor Name:	**Zambrano, William**
Course # and Title:	**CIS 167 System and Network Administration**	Email:	**William.zambrano@imperial.edu**
CRN #:	**11156**	Webpage (optional):	
Classroom:	**901**	Office #:	**901, Email, or Zoom**
Class Dates:	**Aug 12, 2024 - Dec 07, 2024**	Office Hours:	**M: 4pm-6pm/TR: 10am&1-2pm, Zoom, and Email.** ***Subject to change.**
Class Days:	**Mondays and Wednesdays**	Office Phone #:	**Use Email**
Class Times:	**1:00 pm - 2:25 pm**	Emergency Contact:	**Department Secretary 760-355-6361**
Units:	**3**	Class Format:	**In-Person**

Course Description

This course will provide a student with the knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies. The student will be able to identify environmental issues; understand and comply with disaster recovery and physical / software security procedures; become familiar with industry terminology and concepts; understand server roles / specializations and interaction within the overall computing environment.

Course Prerequisite(s) and/or Corequisite(s)

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and/or attitudes as demonstrated by being able to: Install, deploy, configure, repair, and manage a Windows client project using current industry software, hardware, and standards.

Course Objectives

1. Examine server fundamentals.
2. Identify the hardware components of a server.
3. Describe the features of server software.
4. Examine the various types of storage systems used in servers.
5. Install hardware components on a server.
6. Configure servers.
7. Examine the issues in upgrading server components.
8. Identify some of the industry's best practices for deploying a server and the various strategies of securing, accessing, and remotely managing the server hardware.
9. Troubleshoot servers.
10. Describe disaster recovery concepts and techniques

Textbooks & Other Resources or Links

Troy McMillan. CompTIA Server+ Study Guide: Exam SK0-005. ISBN: 978-1119891437

Course Requirements and Instructional Methods

Class Activity
Hands-On Labs
Quizzes, Mid-Term/Final Exam(s)
Written Assignments

Course Grading Based on Course Objectives

Grade	Points
A	900-1000
B	800-899
C	700-799
D	600-699
F	0-599

Points possible	Assignment/Assessment	Details
100	Discussions	10 points each X 10 discussions
100	Assignments	10 points each X 10 assignments
200	Quizzes	20 points each X 10 assignments
600	Exams	150 points each X 4 exams

Course Policies

Refer to the college catalog for attendance and academic honesty policies.

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit http://www.imperial.edu/studentresources or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

Week	Activity, Assignment, and/or Topic	Due Dates/Tests
1	Syllabus & Introduction, Weekly Discussion and Assignment.	February 13, 2023
2	Lecture, Weekly Discussion and Assignment.	Weekly Online Submissions
3	**Course Objective 1** Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
4	Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
5	**Course Objective 2** Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
6	**Course Objective 3** Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
7	Lecture, Hands-On Lab,	Weekly Online Submissions
8	**Course Objective 4** Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
9	**Course Objective 5** Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
10	Lecture, Hands-On Lab,	Weekly Online Submissions
11	**Course Objective 6** Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
12	**Course Objective 7** Lecture, Hands-On Lab, Weekly Discussion and Assignment.	Weekly Online Submissions
13	**Course Objective 8** Lecture, Hands-On Lab	
14	**Course Objective 9** Hands-On Lab	
15	**Course Objective 10** Hands-On Lab	
16	Hands-On Lab	
17	**Final Exam**	TBA

Subject to change without prior notice