



**Jackson College
Microsoft Client 1
CNS 121**



COVID-19 Revised 3/23/20

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General Information

Note: Due to COVID-19, this course has been converted to an online format utilizing JetNet, BBB, and other online learning content.

Course Description

This course will help students gain the knowledge and skills required to configure Microsoft Windows 10 for optimal performance on the desktop. This course focuses on installing the client software, migrating from previous versions of Microsoft Windows clients, and configuring systems settings, security features, network connectivity, communications and media applications, and mobile devices.

Required Text Materials:

There are no required textbooks. All necessary materials are available online as part of the documentation for Windows 10.

Required Equipment:

Portable USB powered hard drive (500 GB or bigger)

Methods to achieve objectives: In this course you will build a test lab of virtual machines to capture and automate the deployment of Windows 10 and the applications running on it. Discussion, lecture, team problem solving, homework, online videos, and especially hands-on lab projects will be used to achieve this objective.

Course Competencies:

- Basic installation of Windows 10 from installation media
- Create a test lab of Windows 10 virtual machines
- Create customized Winpe bootable *.iso files
- Utilize Windows 10 as a file server
- Configure IP with both graphical and command line tools

- Map network drives with command line tools
- Configure file and share permissions
- Capture a Windows 10 disk image
- Deploy a Windows 10 disk image to new computers
- Build answer files to automate Windows 10 deployments

Cell Phones and Pagers: You are requested to make sure that any cell phones or pagers you bring to class are turned to the “vibrate” mode or turned off entirely.

Center for Student Success: Tutors (plus additional services for academic success) can be accessed by calling 796-8415 or by stopping by the Center for Student Success. Students requiring special assistance (including those affected by the Americans with Disabilities Act) should contact the Center for Student Success. This is the first step in acquiring the appropriate accommodation to facilitate your learning.

COURSE INFORMATION

Virtual Office Hours:

Monday thru Thursday 10:00 AM - 12:00 PM
Additional hours by appointment

Class Meeting: T/Th 1:00 PM – 3:57 PM

Attendance: Attendance is always required for the purpose of interactive learning and group work opportunities. More than two absences will lower your total points.

Academic Honesty: Be careful not to plagiarize. Plagiarism is defined in The American Heritage Dictionary as “...using another’s ideas as one’s own...” All assignments related to this class are to be your own work. The consequences of academic dishonesty include failure for the assignment and/or failure in the course overall.

Homework: Homework will consist primarily of three components:

- Readings for concepts
- Build a virtual machine test lab to create and deploy Windows 10 images.
- Review any course videos posted in JetNet

Teamwork: Collaboration and sharing are important skills needed in today's workplace. Seize any opportunity to help your fellow students.

Hands-on labs: You will create, configure, secure and troubleshoot multiple network infrastructures.

Examinations: There will be a hands-on final exam. If you have an emergency and will miss the exam date, contact the instructor immediately.

Participation: Your involvement in class discussions, participation with your team members during the hands-on labs and consistent attendance will be reflected in your hands-on lab score.

GRADING POLICY

Requirements:

Hands-On Final Exam 1000

Grading Scale:

Your score will be based on which tasks you complete

Note: This syllabus is not a contract: it is a plan for the course. Each course and each group of students is unique. We may do more or less work than is outlined above. Total points in the course will be altered to reflect the dynamics of our class.