

ITNW 1313

Computer Virtualization

Spring 2017

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Course Name: ITNW 1313.152

Course Description

This course teaches required skills to implement and support virtualization of clients and servers in a networked computing environment. This course explores installation, configuration, and management of computer virtualization workstation and servers.

This will be a research and reading intensive class. Labs will be limited to what we can do from a distance, so researching and explaining different technologies and concepts will be a large part of the course.

Internet

This is an internet format class. All communication and homework will be completed online using Blackboard.

Textbook and Hardware Requirements

Virtualization Essentials, Second Edition by Matthew Portnoy
ISBN: 9781119267720

Some reading materials for this class will also be supplied on Blackboard.

Software Requirements

Because some of the assignments will be done and submitted outside of class, you will need access to the following programs outside of the classroom:

- Internet connection and web browser
- PDF Reader
- Word processing software
- VMWare Player ([Free Download Here](#))

Communication

Communication for this class will be conducted through SPC email. All students will be required to check their SPC student email accounts regularly for course updates and announcements. All

replies to emails will be sent to the student's SPC email address. Please include your name, course name, and section number in all email communication. Other important announcements may be given during in class meetings, so attendance is key for complete communication.

Attendance Policy

Attendance is measured by how often you access Blackboard. You are required to check in weekly and complete all homework assignments within the due dates indicated. If participation drops or you do not check in for two full weeks, you will be dropped from the class.

Reading/Study Assignments

Mandatory, assigned reading is a requirement for this course. Reading assignments includes all material given for discussions and labs, as well as research conducted by the student.

Online Discussions

Discussions will be posted regularly, and may require information from the reading materials and student research. **Discussions will be up on Monday morning and you are expected to have your initial post up by Thursday evening.** In discussions you are required to post one 300-word response to the article or question(s) given (unless otherwise specified), and reply to at least two other students. Your replies should be in-depth, analyzing what the other person has said, and expanding upon it. You as the student are also responsible for what you type and how you act on the online discussion board. Any discussion that is degrading, off topic, or offensive will not be tolerated and could result in being dropped with an X or F per the instructor's discretion.

Lab Projects

There will be an occasional lab project. You will need a computer that is able to run VMWare with a guest OS. If you do not have a PC that can handle this, contact the instructor during the first week of class. You will also be required to sign up for certain free trials and free services in order to experiment with cloud hosted virtualization tools.

Research Assignments

There will be several research assignments throughout the semester. Some may be topical, driving you to find a brief topic and summarize it, while some may be a question/answer format. All research assignments must use 12 point Times New Roman font with 16 point Times New Roman font for the title/headers. All assignments should be single spaced. Page length will be defined on each assignment; however, answers should always be very thorough. A good rule for any research assignment/project is to treat the reader like they know very little about the topic you are discussing. Cite all sources used in a Works Cited page using the MLA format. I will be grading for quality over quantity, and will go easy on grammar/spelling. Still, use your best grammar and utilize spell-check! These research assignments may be either private or through the discussion board.

Research Projects

There will be a two research projects during this course. These projects will have the same requirements as research assignments, but will be longer in length and more in-depth. All details will be given on Blackboard regarding these projects. These projects may be either team projects or individual efforts.

Grades

Grades will be calculated as follows:

	Possible Points
Lab Projects	20%
Research Assignments	20%
Discussions	20%
Research Projects	40%

All assignments are mandatory. I reserve the right to drop or fail you if homework assignments are frequently missed or incomplete.

Grades will be available through Blackboard. Blackboard grades will show a running average of how you are performing throughout the semester. Blackboard grades will be updated regularly throughout the semester.

In-Class Computer, Cell Phone and iPod Use

Students will **not** be allowed to surf the web, check their personal e-mail or social media accounts, or do work for any other course while class is in session.

Students will **not** be allowed to use their cell phones during class. If the student is found using social media, surfing the web, or using their cell phone, they will be asked to leave the class and they will be counted absent for that day. If the incident reoccurs, they will be reported to the dean of students. In cases of emergency, the student is asked to leave the classroom to use their cell phone.

Academic Integrity

It is the aim of the faculty at South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences and possible suspension. Please refer to the SPC General Catalog regarding consequences for cheating and plagiarism. **I reserve the right to administratively drop with an "F" any student whom I suspect of academic dishonesty.**

****Do not, under any circumstances, turn in another student's file as your own. Do not, under any circumstances, give your file to anyone else to turn in as their own. Both situations are representative of academic dishonesty and will be treated as such.****

Disclaimer

Because we will use Blackboard to conduct a portion of this class, please note that the materials you may be accessing in chat rooms, bulletin boards or unofficial web pages are not officially sponsored by South Plains College. The United States Constitution rights of free speech apply to all members of our community regardless of the medium used. We disclaim all liability for data, information or opinions expressed in these forums.

Diversity Statement

In this course, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world, and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should be and can be.

Special Services

4.1.1.2 Disabilities Statement

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office through the Guidance and Counseling Centers at Reese Center (Building 8) 716-4606, or Levelland (Student Services Building) 716-2577.

Counseling

If at any point in the semester you find yourself having trouble with stress or feel depressed please stop in and see a counselor. Counseling services are available at all campuses. The number for the counseling office is 806-716-2366. Below is a link to SPC's personal counseling services.

<http://www.southplainscollege.edu/information-for/current-spc-students/counseling-current/personal-counseling.php>