Intro to Linux+
2018SP-ITSC-1316-61400
December 11, 2017 – January 05, 2017

Professor: Rodney Jackson
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Office Phone Number: ONLINE
Office Number: ONLINE
Contact Hours: ONLINE
Meeting Days & Time: ONLINE

Room Number: ONLINE
Credit Hours: 3
Division: Career and Technical Education (CATE)
Office Hours: TBA
Office Phone: 214-860-8848
Office Location: W-210

Course Description:
Introduction to Linux operating system. Includes Linux installation, basic administration, utilities and commands, upgrading, networking, security, and application installation. Emphasizes hands-on setup, administration, and management of Linux.

Course Prerequisite Recommended:
Introductory

WECM Statement: Workplace Competencies
Mountain View College is determined to prepare you with the knowledge and skills you need to succeed in today’s dynamic work environment. Towards this goal, these workplace competencies and foundation skills have been designed into the curriculum for this course: Upon completion of this course, students will be able to:

- **Manage Resources:** Time/Staff
- **Exhibit Interpersonal Skills:** Work in teams/Teach others/Serve customers/Lead work teams/Negotiate with others
- **Work with Information:** Acquire and evaluate data/Organize and maintain information/Interpret and communicate data
- **Apply Systems Knowledge:** Work within social systems/Work within organizational systems/Monitor and correct system performance

Course Materials/Supplies Needed
Cengage / MindTap
Book: Linux+ Guide to Linux Certification, Fourth Edition

Core Objectives:
To provide students the comprehensive coverage emphasizes updated information on the latest Linux distributions as well as storage technologies commonly used in server environments, such as LVM and ZFS. New, expanded material addresses key job-related networking services, including FTP, NFS, Samba, Apache, DNS, DHCP, NTP, Squid, Postfix, SSH, VNC, Postgresql, and iptables / firewalld. Readers study the latest information on current and emerging security practices and technologies. Hands-On Projects help learners practice new skills using both Fedora 20 and Ubuntu Server 14.04 Linux.
Student Learning Outcomes:
Install, administer, and manage a Linux system; demonstrate proficiency with Linux utilities, commands, and applications; identify and resolve security-based issues; and integrate a Linux system into an existing network.

Course Outline:
1. Introduction to Linux+.
2. Linux Installation and Usage.
3. Exploring Linux Filesystems
4. Linux Filesystem Management.
5. Linux Filesystem Administration.
6. Linux Server Deployment Linux
7. Working with the BASH Shell.
8. System Initialization and X Windows.

Instructor Attendance Policy:
Students are expected to attend all classes. Students have the responsibility to attend class and to consult with the instructor when an absence occurs. If for some reason you must leave class early, you should inform the instructor prior to the start of the class of your reason for leaving early.

Students must begin attendance in all classes of enrollment. No exceptions. Financial Aid will not be granted to students who have been certified as not attending, by the certification date. For this lecture course, your physical participation in class, on or before the certification date will allow you to receive credit for FA purposes. For certification dates, check with the division or FAO for further information. Students, who are not certified as beginning class, are responsible for any payments due as a result of non-certification, to include the dropping of courses.

Evaluation Procedures:
The course grade is the average of all grades: scheduled tests, case analysis, discussion questions, and projects. The instructor reserves the right to modify the course requirements, assignments, grading procedures, and other policies as circumstances may dictate.

Grading Scale:
A = 1259 – 1359
B = 1059 – 1258
C = 859 – 1058
D = 659 – 858
F = 0 – 658
NOTE: The professor can revised the grading scale if needed.

Late Work Policy:
LATE WORK IS NOT ACCEPTED

Makeup Exam Policy: TBD

Certification Procedures: (For Online Courses)
For State reporting purposes, this on-line course will capture participation data. The student must log onto eCampus and access the course content to meet certification requirements and complete the on-line syllabus quiz by cited due date. The census date is December 13, 2017.

Withdrawal Policy: The withdraw date for this class is (December 22, 2017). If you find that you are unable to complete the course, it is your responsibility to withdraw. I am required to take attendance. The last day to drop with a grade of “W” is December 22, 2017. To drop a class or withdraw from the college, students must obtain a drop or withdrawal form from the Registrar’s office and follow the prescribed procedure. It is the student's responsibility to drop a class; faculty members cannot initiate the process. Should circumstances prevent a student from appearing in person to withdraw, the student may withdraw through correspondence to the Registrar’s Office. Drop, and withdrawal requests are not accepted by telephone. If a student simply quits coming to class and does not drop, a performance grade will be awarded (usually an "F"). Please talk to the instructor before you drop the class to see if there is any other option.

Academic Dishonesty: Students that caught plagiarizing an assignment will be subject to an “F” in the course and possible expulsion from the college.

Academic honesty is expected, and integrity is valued in the Dallas County Community Colleges. Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog. More information is available at https://www1.dcccd.edu/catalog/ss/code.cfm.

Institution Policies: Institutional Policies relating to this course can be accessed from the following link: www.mountainviewcollege.edu/syllabipolicies for a complete list of institutional policies (Stop before You Drop; Withdrawal Policy; Repeating a Course; Financial Aid; Academic Dishonesty; Americans with Disabilities Act Statement; Religious Holidays; and Campus Emergency Operation Plan and Contingency Plan.).

Disclaimer Reserving Right to Change Syllabus: The instructor reserves the right to amend this syllabus as necessary, which may include the right to modify the course requirements, assignments, grading procedures, and other policies as circumstances may dictate.

Due Dates for all Assignments and Final Exam: • MIDNIGHT January 05, 2018