

# McLennan C O M M U N I T Y C O L L E G E

WACO, TEXAS

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## **COURSE SYLLABUS**

**AND**

## **INSTRUCTOR PLAN**

### **LINUX INSTALLATION AND CONFIGURATION**

**ITSC 1316 H1**

**Jeremy McCormick**

**NOTE: This is a 16-week course.**

**NOTE: This is a Blended/Hybrid course.**

#### **COVID 19 Notice:**

McLennan Community College is committed to providing you with every resource you need to reach your academic goals including your safety. We will continue to monitor the evolving situation with COVID 19 and adjust our safety guidelines to make sure we offer a safe environment for you and our faculty. Please make sure to consult your faculty and the MCC website at <https://www.mclennan.edu/crisis-management/coronavirus-updates/index.html> on any changes to these guidelines.

# LINUX INSTALLATION AND CONFIG

ITSC 1316-H1

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## **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. Semester Hours 3 (2 lec/2 lab)

## **Prerequisites and/or Corequisites:**

## **Course Notes and Instructor Recommendations:**

Students should use their MCC email to avoid having the email caught in the MCC filter. The student is responsible for checking their MCC email and Brightspace every day.

## **Instructor Information:**

Instructor Name: Jeremy McCormick

MCC E-mail [jmccormick@mclennan.edu](mailto:jmccormick@mclennan.edu)

Office Phone Number: 254 299 8289

Office Location: BT 109

Office/Teacher Conference Hours: See Brightspace for Faculty Schedule

## **Required Text & Materials:**

978-1-64274-313-5 - CompTIA CertMaster Learn for Linux+ (Exam XKO-004) - ILT Student Access Key

978-1-64274-304-3 - CompTIA Labs for Linux+ (Exam XKO-004) - Student License

**MCC Bookstore Website:** <http://www.mclennan.edu/bookstore/>

## **Methods of Teaching and Learning:**

- A. Lesson Reading
- B. Practice Tests
- C. Performance Based Questions (PBQs)
- D. Discussion Posts and Responses
- E. Lab Assignments
- F. Final Exam

\*See Orientation in Brightspace for full descriptions.

## **Course Objectives and/or Competencies:**

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.

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## **Course Outline or Schedule:**

**PLEASE NOTE! This schedule is tentative and subject to changes under extenuating circumstances. You will be notified of any change to the schedule via Brightspace announcement.**

<b>Week</b>	<b>Reading</b>	<b>Hands On</b>	<b>Assignment</b>
Week 1	Orientation Lesson 1	L1-Lab 1 L1 Lab 2	Orientation Quiz Practice Test, PBQ, Post
Week 2			
Week 3	Lesson 2	L2-Lab	Practice Test, PBQ, Post
Week 4			
Week 5	Lesson 3	L3-Lab	Practice Test, PBQ, Post
Week 6			
Week 7	Lesson 4	L4-Lab	Practice Test, PBQ, Post
Week 8			
Spring Break			
Week 9	Lesson 5	L5-Lab	Practice Test, PBQ, Post
Week 10			
Week 11	Lesson 6	L6-Lab	Practice Test, PBQ, Post
Week 12	Lesson 7	L7-Lab	Practice Test, PBQ, Post
Week 13			
Week 14	Lesson 8	L8-Lab	Practice Test, PBQ, Post
Week 15	Review	All Labs Due 5/2	All Assignments Due 5/2
Week 16			See Final Exam Announcement

## **Course Grading Information:**

Practice Tests	15%
Performance Based Questions (PBQs)	15%
Discussion Posts and Responses	20%
Lab Assignments	35%
Final Exam	15%

## **Late Work, Attendance, and Make Up Work Policies:**

Students will be permitted to make up class work and assignments missed due to absences caused by (1) authorized participation in official College functions, (2) personal illness, or (3) an illness or a death in the immediate family. It is the instructor's prerogative whether a student may make up work missed due to absences for other reasons. It is the student's responsibility to inform the instructor of the reason for an absence and to do so in a timely fashion. Moreover, it

is the student's responsibility to keep up with missed material. Finally, due dates will not be modified by absences. Due dates will be clearly shown on each assignment.

**Student Behavioral Expectations or Conduct Policy:**

To be successful in this class it is **crucial** that you as the student carry through with your responsibilities of learning and applying the material. Key to this is:

- A. Read, understand and abide by the Syllabus;
- B. Check MCC student email daily;
- C. Keep up with the readings, complete the assignments, and take the chapter quizzes on time;
- D. Study appropriately;
- E. Devote the right amount of time to this class to be successful;
- F. Be conscientious, responsible and accountable;
- G. Contact instructor with any issues; and
- H. Be professional, courteous and respectful to the instructor and to each other.

**[Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)**

**(<https://www.mclennan.edu/highlander-guide/policies.html>)**

Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.

# McLennan

C O M M U N I T Y

# COLLEGE

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## ACADEMIC RESOURCES/POLICIES

### **Accommodations/ADA Statement:**

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit [www.mclennan.edu/disability](http://www.mclennan.edu/disability).

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

[disabilities@mclennan.edu](mailto:disabilities@mclennan.edu)

254-299-8122

Room 319, Student Services Center

### **Title IX:**

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the Title IX Coordinator at [titleix@mclennan.edu](mailto:titleix@mclennan.edu) or by calling Dr. Drew Canham (Chief of Staff for Diversity, Equity & Inclusion/Title IX) at (254) 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC at (254) 299-8210. The MCC Student Counseling Center is a confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting <http://www.lighthouse-services.com/mclennan/>.

Go to McLennan's Title IX webpage at [www.mclennan.edu/titleix/](http://www.mclennan.edu/titleix/). It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

**Student Support/Resources:**

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact a Success Coach by calling (254) 299-8226 or emailing [SuccessCoach@mclennan.edu](mailto:SuccessCoach@mclennan.edu). Students may visit the Completion Center Monday-Friday from 8 a.m.-5 p.m. to schedule a meeting with a Success Coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff based on household size. Text (254) 870-7573 to schedule a pantry appointment. The Completion Center and pantry are located on the Second Floor of the Student Services Center (SSC).

**MCC Foundation Emergency Grant Fund:**

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to <https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html> to find out more about the emergency grant. The application can be found at [https://www.mclennan.edu/foundation/docs/Emergency\\_Grant\\_Application.pdf](https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf).

**MCC Academic Integrity Statement:**

Go to [www.mclennan.edu/academic-integrity](http://www.mclennan.edu/academic-integrity) for information about academic integrity, dishonesty, and cheating.

**Minimum System Requirements to Utilize MCC's D2L|Brightspace:**

Go to <https://www.mclennan.edu/center-for-teaching-and-learning/Faculty-and-Staff-Commons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

**Minimum Technical Skills:**

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

**Backup Plan for Technology:**

In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

**Email Policy:**

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are expected to read and, if needed, respond in a timely manner to college emails.

**Instructional Uses of Email:**

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

**Email on Mobile Devices:**

The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email [Helpdesk@mclennan.edu](mailto:Helpdesk@mclennan.edu) for help.

**Forwarding Emails:**

You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

**Disclaimer:**

The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.