TEIT 1300 Linux Foundations Course Syllabus

Welcome to the Linux Foundations course! Linux Foundations focuses on the installation, configuration, and process management of a Linux workstation. Students explore shell programming, file system management, user accounts, access, and permissions, and managing multiple concurrent processes to achieve higher utilization.

Course Length: 2 Credits (60 Clock Hours)

Textbooks/Required Materials

This course will use content within Cisco Networking Academy as well as content within Canvas for the course outline, assignments, due dates, assignment submissions, links to core and supplemental learning materials, and summative assessments.

Course Pace: It is expected that students will discuss goal dates with their instructor based on the number of credits the student is enrolled in. These goal dates will be added to Canvas to provide students with a road map towards successfully completing the courses they are enrolled in within the semester.

Course Duration: <based on semester end date>

Course Learning Outcomes

Upon completion of this course, students will be able to:

- Install and maintain a Linux workstation.
- Configure Linux from the GUI and command line.
- Configure file and access permissions.
- Perform maintenance tasks including user management, backup and restore, shut down, and reboot.

College-Wide Learning Outcomes: The Core Themes of SLCC's Mission focus on Access and Success, Transfer Education, Workforce Education and Community Engagement. As such, all courses and programs address one or more of the below College-Wide Learning Outcomes.

Upon successful completion of any program at SLCC, students should:

1. Acquire substantive knowledge in the discipline of their choice sufficient for further study, and/or demonstrate competencies required by employers to be hired and succeed in the workplace.
2. Learn to communicate effectively.
3. Develop quantitative literacies necessary for their chosen field of study.
4. Learn to think critically.
5. Develop the knowledge and skills to be civically engaged, and/or to work with others in a professional and constructive manner.

Grading and Evaluation Criteria

Students earn points by completing the following assignments found in the Canvas modules.

	Number	Points Possible	% of Grade
Lab Activities	15	160	40
Chapter Exams (chapters 2-18)	17	170	40
Mid-term and Final Exams	2	90	20
	Total	420	100

There are potentially 4 lab challenges within the course. Students seeking extra credit may complete those activities for 5 additional points per lab.

Grade	Min	Points
A	93%	390-420
A-	90%	378-390
B+	87%	365-377
B	83%	348-364
B-	80%	336-347
C+	77%	323-335
C	73%	307-322
C-	70%	294-306
D+	67%	281-293
D	63%	264-280
D-	60%	252-263
E	<60	

Final Exam Information

The final exam is to be taken in the classroom under instructor supervision.

While not required, for students who would like to take the Linux Essentials. certification exam at an authorized testing center while still enrolled in this course, passing the exam will be accepted as meeting the course final exam requirement and those students do not have to take the in-class final.

Assignment Grading

During regular classroom hours, instructors are quick to review and grade submitted assignments but may take up to 24-hours to grade. Assignments are typically not graded during non-instructional hours including unscheduled weekend hours, holidays, semester breaks, etc.

Meaningful Contact

Students are encouraged to attend the classroom as frequently as possible and are expected to maintain

regular meaningful contact with an instructor to stay on track with completing the course within the allotted course time. Meaningful contact should consist of classroom instruction and a review of course progress and goals. Two-way meaningful contact typically takes place face-to-face in the classroom or through our online classroom in Zoom.

Computer & Network Technology Department Faculty

We welcome and encourage students to reach out to any of our excellent instructional support team members at any time should you have questions about the training program, study materials, progress requirements, course expectations, etc. Please reach out to us through Canvas, join the online Zoom classroom, come to the physical classroom, or call or email us. We are here to support your success!

Institutional Syllabus

Please read the Institutional Syllabus found near the bottom left of the Canvas menu for further important information about college policies, student code of conduct, learning support and tutoring services, and advising and counseling support services. Students are expected to be aware of and follow the code of student rights and responsibilities.