

Course Syllabus

CSIS 1132 Linux Admin I

Instructor:

E-mail: Please use Canvas for emails

Consultation hours: By appointment via ZoomLinks to an external site.

Link to Institutional Syllabus

Course description: This course is specifically designed for students who have completed the Introduction to Linux (CSIS-1032) or have equivalent experience. Red Hat System Administration II (RH134) focuses on the key tasks needed to become a full time Linux Administrator and to validate those skills via the Red Hat Certified System Administrator exam. This course goes deeper into Enterprise Linux administration including filesystems and partitioning, logical volumes, SELinux, firewalling, and troubleshooting.

Learning Resources:

- [Three months of access to the Red Hat Academy curriculumLinks to an external site.](#)
- [Free access to O'Reilly Safari Books OnlineLinks to an external site.](#)
- Discounts on certification exams
- Live Online Discussions with Instructor via [ZoomLinks to an external site.](#)
- All Online Meetings are Recorded for Later Viewing

Student progress will be assessed using:

- Hands-on Exercises - 34 guided exercises
- Knowledge assessments – 13 online quizzes
- Hands-on assessments – 13 online virtual labs
- Comprehensive Reviews - 4 online virtual labs

Learning Objectives:

- Install Red Hat Enterprise Linux using Kickstart
- Manage file systems and logical volumes
- Manage scheduled jobs
- Access network file systems
- Manage SELinux
- Control firewalls
- Perform troubleshooting tasks

Grading:

All courses in the Computer Science department will use the following grade scale:

A	94-100	B+	87-89.99	C+	77-79.99	D+	67-69.99	E	0-59.99
A-	90-93.99	B	84-86.99	C	74-76.99	D	64-66.99		
		B-	80-83.99	C-	70-73.99	D-	60-63.99		

Academic dishonesty: Academic dishonesty, including cheating, plagiarism, misrepresentation or collaboration, will not be tolerated in the CSIS department.

ADA statement: SLCC values inclusive learning environments and strives to make all aspects of the College accessible to our students. If you have a disability and believe you need accommodations to improve access to learning materials or the learning

