

Linux Install and Config

ITSC-1316

Spring 2019 Section 370 CRN-24175 3 Credits 01/14/2019 to 05/09/2019 Modified 01/24/2019

Meeting Times

Lecture/Lab

Tuesday, Thursday, 12:00 PM to 1:50 PM, Bryan Campus, F241

Q Drop Date - April 26

Final Exam - Thursday, May 9, 10:15 AM - 12:30 PM

Contact Information

Instructor: Mrs. Carol Wiggins

Email: carol.wiggins@blinn.edu

Office: Brenham: BULL 104 and Bryan: F262

Phone: 979-830-4295

Website: www.blinn.edu

Office Hours: Please call 979-830-4295 or email carol.wiggins@blinn.edu to schedule as appointment outside of my posted office hours.

Posted Office Hours

BULL 104:

Monday/Wednesday 11:00 - 11:30 am

F262:

Tuesday/Thursday 9:30 am - 10:30 am

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.

3 lecture hours and 1 lab hour per week; 64 total contact hours. Credit: 3 semester hours.

Requisites

Prerequisites: A grade of "C" or better in ITNW 1325 and ITSC 1325 or approval of the Dean or designee

★ Core Curriculum Statement

This course is not a core curriculum course.

▮ Outcomes

Upon successful completion of this course, students will:

1. Install, administer, and manage a Linux system.
2. Demonstrate proficiency with Linux utilities, commands, and applications.
3. Identify and resolve security-based issues.
4. Integrate a Linux system into an existing network.

▮ Materials

Red Hat System Administration I (RH124)

Publisher: Red Hat Academy

Availability: Online

Price: \$50.00 each

You must register online to purchase the book. Register at <https://www.gilmore.ca/RedHat/RegisterUser.aspx?748c830e9d0642873353e40b2f4b9ea7> (<https://www.gilmore.ca/RedHat/RegisterUser.aspx?748c830e9d0642873353e40b2f4b9ea7>)

☰ Course Requirements

Red Hat Certified System Administrator (RHCSA) Exam - Optional

Transfers to BAAS degree at SHSU.

Transfers to BAS-IT degree at UHCL.

✓ Evaluation

Criteria

Type	Weight	Topic	Notes
Exams	15%		Two major exams
Labs	40%		Daily labs
Quizzes	20%		Quizzes periodically given
Class Participation	10%		Daily contributions to discussion and labs
Final Exam	15%		Comprehensive Final

Breakdown

- A [90, 100] Exceptional knowledge of the material covered
- B [80,90] Above average knowledge of the material covered
- C [70,80] Average knowledge of the material covered
- D [60,70] Less than average knowledge of the material covered
- F [0,60] Very little knowledge of the material covered

All policies, guidelines, and procedures in the [Blinn College Catalog \(http://catalog.blinn.edu/\)](http://catalog.blinn.edu/), [Blinn College Board Policies \(http://pol.tasb.org/Home/Index/1204\)](http://pol.tasb.org/Home/Index/1204), and the [Blinn College Administrative Regulations \(https://www.blinn.edu/administrative-regulations/\)](https://www.blinn.edu/administrative-regulations/) are applicable to this course.

[Specific information on civility, attendance, add/drop, scholastic integrity, students with disabilities, final grade appeal, alternative retailers, campus carry and proctoring arrangements and cost. \(http://www.blinn.edu/syllabus-policies/\)](http://www.blinn.edu/syllabus-policies/)

Notice of any action taken under these protocol and procedures, by Blinn College or its employees, may be delivered by hand, through the U.S. Postal Service, or electronically to the student's Blinn Buc e-mail account. Notice shall be deemed received upon actual receipt, on deposit in the U.S. Mail, or upon entering the information processing system used by Blinn College for Blinn Buc e-mail accounts, whichever first occurs.

* Course Policies

Student Email

See [http://cit.blinn.edu/course_policies.php \(http://cit.blinn.edu/course_policies.php\)](http://cit.blinn.edu/course_policies.php)

Exam Review Procedures

See [http://cit.blinn.edu/course_policies.php \(http://cit.blinn.edu/course_policies.php\)](http://cit.blinn.edu/course_policies.php)

Deadlines for Assignments and Labs

See [http://cit.blinn.edu/course_policies.php \(http://cit.blinn.edu/course_policies.php\)](http://cit.blinn.edu/course_policies.php)

Reading and Research

See [http://cit.blinn.edu/course_policies.php \(http://cit.blinn.edu/course_policies.php\)](http://cit.blinn.edu/course_policies.php)

Lab Hours and Decorum

See [http://cit.blinn.edu/course_policies.php \(http://cit.blinn.edu/course_policies.php\)](http://cit.blinn.edu/course_policies.php)

Removable Hard Drives

See [http://cit.blinn.edu/course_policies.php \(http://cit.blinn.edu/course_policies.php\)](http://cit.blinn.edu/course_policies.php)

Professional Disclaimer

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Learning Activities

See [http://cit.blinn.edu/course_policies.php \(http://cit.blinn.edu/course_policies.php\)](http://cit.blinn.edu/course_policies.php)

Schedule

The instructor reserves the right to make adjustments as necessary to enhance achievement of Student Learning Outcomes.

Week One	Meeting Details	Contact Hrs
1/14 - 1/20	Class Intro, RH124 Ch 1	4

Week Two	Meeting Details	
1/21 - 1/27	RH124 Ch 2	4
Week Three	Week 3 Meeting Details	
1/28 - 2/3	RH124 Ch 3	4
Week Four	Week 4 Meeting Details	
2/4 - 2/10	RH124 Ch 4	4
Week Five	Week 5 Meeting Details	
2/11 - 2/17	RH124 Ch 5	4
Week Six	Week 6 Meeting Details	
2/18 - 2/24	RH124 Ch 6	4
Week Seven	Week 7 Meeting Details	
2/25 - 3/3	RH124 Ch 7	4
Week Eight	Week 8 Meeting Details	
Test 1 This Week		4
3/4 - 3/17	RH 124 Ch 8	
Spring Break 3/12 - 3/16		
Week Nine	Week 9 Meeting Details	
3/18 - 3/24	RH 124 Ch 9	4
Week Ten	Week 10 Meeting Details	

3/25 - 3/30	RH 124 Ch 10	4
Week Eleven	Week 11 Meeting Details	
4/1 - 4/7	RH 124 Ch 11	4
Week Twelve	Week 12 Meeting Details	
4/8 - 4/14	RH 124 Ch 12	4
Week Thirteen	Week 13 Meeting Details	
4/15 - 4/21	RH 124 Ch 13	4
Week Fourteen	Week 14 Meeting Details	
4/22 - 4/28	RH 124 Ch 14	4
4/26	Last Day to Q Drop	
Week Fifteen	Week 15 Meeting Details	
Test 2 This Week		4
4/29 - 5/5	RH 124 Ch 15	
Week Sixteen - Finals Week	Week 16 Meeting Details	
5/9 10:15 - 12:30	Comprehensive Final	4
	Total Contact Hours	64