

Advanced Linux

ITSC-2325

Fall 2018 Section 370 CRN-13138 3 Credits 08/27/2018 to 12/13/2018 Modified 08/26/2018

Meeting Times

Lecture/Lab

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

Q Drop Date - November 30

Final Exam - Thursday, December 13, 10:15 AM - 12:30 PM

Contact Information

Instructor: Mrs. Carol Wiggins

Email: carol.wiggins@blinn.edu

Office: Brenham: BULL 104, Bryan: F262, RELLIS 330

Phone: 979-830-4295

Website: www.blinn.edu

Office Hours: Please call 979-830-4295, 979-398-2455, or email carol.wiggins@blinn.edu to schedule an appointment outside of my posted office hours.

Posted Office Hours

BULL 104:

Monday 11:00 - 11:30 am

F262:

Tuesday/Thursday 10:30 am - 11:30 am

RELLIS

Tuesday/Thursday 3:30 - 4:00 pm

Description

Provides instruction in advanced open-source Linux operating system. Develops directory services for clients, support users remotely, and install and configure network services.

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

Requisites

Prerequisites: ITSC 1316 with a grade of "C" or better 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 advanced network environment using a Linux system.
2. Demonstrate advanced skills and proficiency with Linux utilities and configurations.
3. Deploy secure networks.
4. Integrate Linux network with existing networks.

☰ Materials

Red Hat System Administration II (RH254)

Publisher: Red Hat Academy

Availability: Online

Price: \$50.00

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	30%		Daily labs
Quizzes	20%		Quizzes periodically given
Semester Project	10%		
Class Participation	10%		Daily contributions to discussion and labs
Final Exam	15%		Comprehensive Final

🏛️ Blinn College Policies

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 \(http://www.blinn.edu/admnpolicy/intro.htm\)](http://www.blinn.edu/admnpolicy/intro.htm) 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)

Exam Review Procedures

See 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)

Reading and Research

See 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)

Removable Hard Drives

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

Professional Disclaimer

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

Learning Activities

See 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
8/28	Class Intro, RH124 Review	4
8/30	RH134 Review	

Week Two	Meeting Details	
9/4	RH254 Ch 1	4
9/6	RH254 Ch 2	
Week Three	Week 3 Meeting Details	
9/11	RH254 Ch 3	4
9/13	RH254 Ch 3	
Week Four	Week 4 Meeting Details	
9/18	RH254 Ch 4	4
9/20	RH254 Ch 4	
Week Five	Week 5 Meeting Details	
9/25	RH254 Ch 5	4
9/27	RH254 Ch 5	
Week Six	Week 6 Meeting Details	
10/2	RH254 Ch 6	4
10/4	RH254 Ch 6	
Week Seven	Week 7 Meeting Details	
10/9	RH254 Ch 7	4
10/11	RH254 Ch 7	
Week Eight	Week 8 Meeting Details	
10/16	RH254 Ch 8	
10/16	RH254 Ch 8	
Test 1 Available 10/15 - 10/19		4
Week Nine	Week 9 Meeting Details	

10/23	RH254 Ch 9	4
10/25	RH254 Ch 9	
Week Ten	Week 10 Meeting Details	
10/30	RH254 Ch 10	4
11/1	RH254 Ch 10	
Week Eleven	Week 11 Meeting Details	
11/6	RH254 Ch 11	4
11/8	RH254 Ch 12	
Week Twelve	Week 12 Meeting Details	
11/13	RH254 Ch 13	4
11/15	RH254 Ch 13	
Week Thirteen	Week 13 Meeting Details	
11/20	Semester Project	4
Thanksgiving Break 11/21 - 11/23		
Week Fourteen	Week 14 Meeting Details	
11/27	Semester Project	4
11/29	Semester Project	
11/30	Last Day to Q Drop	
Test 2 Available 11/26 - 11/30		
Week Fifteen	Week 15 Meeting Details	
12/4	Semester Project	4
12/6	Semester Project	
Week Sixteen - Finals Week	Week 16 Meeting Details	

5/10 10:15 - 12:30	Comprehensive Final	4
	Total Contact Hours	64