

CSE 360: Script Programming

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Office Hour: TTh 9:00-10:00 or by appointment

Class Days/Time: TTh 6:00-6:50, 7:00-8:50

Classroom: JB356

Goals

This course will boost your bash scripting and Linux skills. You will learn to use powerful UNIX tools to avoid writing long programs. We will be covering the standard commands used in everyday systems administration and Bash script programming skills.

Prerequisites

You need to have been using Linux for at least one quarter. You should be able to send me electronic mail without help at the start of the class. You need to be able to know how to reach pages on the WWW. CSE201.

Text: UNIX Power Tools. 3rd Edition

You will be using it a lot. Start with a quick trip through the contents, the first section, and the index. From then on read as you need by schedule (the reading schedule below).

Reference book: Pro Bash Programming

Reading Schedule: UNIX Power Tools. 3rd Edition (UPT) and Pro Bash Programming (PBP)

WEEK	CHAPTER: UNIX Power Tools (UPT)	Pro Bash Programming (PBP)
1	1-5	1
2	6-10	2
3	11-15	3
4	16-20	4
5	21-25	5
6	26-30	6
7	31-35	7
8	36-40	8
9	41-45	9
10	46-50	10-11

Assignment: Questions

Make 10 multiple choice questions (4 multiple choices question only, true/false questions are NOT accepted) from assigned chapters and submit them by web. Answers should be ordered in random manner.

WEEK	CHAPTER (UPT)	DUE
1	1-5	2nd TUESDAY
2	6-10	3rd TUESDAY
3	11-15	4th TUESDAY

4	16-20	5th TUESDAY
5	21-25	6th TUESDAY
6	26-30	7th TUESDAY
7	31-35	8th TUESDAY
8	36-40	9th TUESDAY
9	41-45	10th TUESDAY
10	46-50	11th TUESDAY

Assignment: Scripting

Student has to write bash scripts assigned by instructor and submit the bash scripts you wrote every week (TUESDAY).

WEEK	CHAPTER	DUE
1	PBP: 1-2	2nd TUESDAY
2	PBP: 3-4	3rd TUESDAY
3	PBP: 5-6	4th TUESDAY
4	PBP: 7-8	5th TUESDAY
5	PBP: 9-10	6th TUESDAY
6	PBP: 11-12	7th TUESDAY
7	PBP: 13	8th TUESDAY
8	PBP: 14	9th TUESDAY
9	PBP: 15	10th TUESDAY
10		

Laboratory: There will be a hands-on Lab each week. Student must attend lab sessions and submit lab report each week.

WEEK	LAB	DUE
1	LAB 1	2nd THURSDAY
2	LAB 2	3rd THURSDAY
3	LAB 3	4th THURSDAY
4	LAB 4	5th THURSDAY
5	LAB 5	6th THURSDAY
6	LAB 6	7th THURSDAY
7	LAB 7	8th THURSDAY
8	LAB 8	9th THURSDAY
9	LAB 9	10th THURSDAY
10	LAB 10	11th THURSDAY

Presentation and Term Project:

Each student implement a project and present the project to the class by schedule below. Student has to submit a PowerPoint and Step-by-step implementation documentation.

WEEK	TUESDAY	THURSDAY
6	TOPICS Assignment, DATE Selection	
8	TEAM 1 and 2	TEAM 3 and 4
9	TEAM 5 and 6	Campus Closed
10	TEAM 7 and 8	TEAM 9 and 10

Attendance:

Attendance is required (This course emphasizes hands on experiences).

A student is responsible for contacting the lecture instructor as soon as possible for providing a satisfactory explanation for missing class, lab, exam or work due to illness or other serious and compelling reasons; documentation evidence is required. Otherwise, missed exams or work will be counted as 0%.

Assignments and Grading Policy**Percentages:**

	Percent
Homework Assignment: Questions	15%
Homework Assignment: Scripts	5%
Lab Assignment: Report	20%
Presentation and Term Project:	10%
Attendance	10%
Midterm Exam	20%
Final Exam	20%

Grading Criterion:

Percent	Grade	Percent	Grade
94-100	A	73-75	C
90-93	A-	70-72	C-
86-89	B+	66-69	D+
83-85	B	63-65	D
80-82	B-	60-62	D-
76-79	C+	00-59	F

University Policies**Academic Integrity**

Students are expected to be familiar with the University's Academic Integrity Policy. Refer to the "Academic Regulations and Procedures" in the CSUSB Bulletin of Courses for the university's policies on cheating and plagiarism. Instances of academic dishonesty will not be tolerated. Cheating on exams or plagiarism (presenting the work of another as your own, or the use of another person's ideas without giving proper credit) will result in a failing grade and sanctions by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified.

Support for Students with Disabilities

If you are in need of an accommodation for a disability in order to participate in this class, please see the instructor and contact Services to Students with Disabilities at (909)537-5238.

May you have fun, work hard, and not know the difference.