

## UC Berkeley Extension Certificate in UNIX/Linux System Administration

REQUIRED COURSES	Semester Units/Hours	Class/ Online*	Spring Term	Summer Term	Fall Term	Offered Future Term
X426.1A <a href="#">UNIX/Linux System Fundamentals</a>	2 units/ 30 hours	C		X	X	
X426.1B <a href="#">UNIX/Linux System Administration Programming: Shell, C, and Perl</a>	2 units/ 30 hours	C		X	X	
X422.8 UNIX/Linux System Administration I: Essentials	2 units/ 30 hours	C	X			
X420.8 UNIX/Linux System Administration II: Networking	2 units/ 30 hours					X
X444.2 UNIX/Linux System Administration III: Services	2 units/ 30 hours					X
X409.9 UNIX/Linux System Security	2 units/ 30 hours	C		X		
X462.3 UNIX/Linux System Administration Capstone: Case Studies ( <i>this course must be taken last</i> )	2 units/ 30 hours	C	X			
ELECTIVE COURSES	Semester Units/Hours	Class/ Online*	Spring Term	Summer Term	Fall Term	Offered Future Term
X461.2 <a href="#">UNIX/Linux web and Database Servers</a>	2 units/ 30 hours	O		X		
X463.4 <a href="#">FreeBSD Kernel Internals: Data Structures, Algorithms, and Performance Tuning</a>	2 units/ 30 hours	C			X	
X444 C Language Programming I	1 unit/ 15 hours	C	X			
X436.2 <a href="#">Java: Discovering Its Power</a>	2 units/ 30 hours	C/O	X		X	
X416.7 <a href="#">Introduction to Perl Programming</a>	2 units/ 30 hours	C/O		X	X	
X401 Intermediate Perl Programming	2 units/ 30 hours	C		X		

Class availability subject to change.

C=Classroom; O=Online