

Course Syllabus

Instructor Resources

[Registrar's Intranet](#): please log in with your UTD NetID and password to access this site. Information that faculty need about grading, scheduling, and other essential aspects of our responsibilities related to teaching are made available and updated regularly in the Registrar's Intranet. This source of information can only be accessed by logging in with your UTD NetID and password. Many important faculty questions are answered here, and this is information that faculty members are expected to know and understand.

[FERPA Guidelines](#): you will be asked to log in before you access the FERPA Faculty Guidelines webpage on the Registrar's Intranet. If faculty have additional questions about FERPA guidance, please [email](#) the Office of the Registrar for the proper student consent forms and further instructions. NOTE: Class recordings from prior semesters may be used as long there are no identifiable student information due to [FERPA](#) because instructors will need students' written consent first. Please review your previous class recordings for identifiable student information before using them in the current term. For additional guidance, contact the [Office of the Registrar](#).

[Honorlock](#): Online proctoring tool will be available for fully online courses and for classes with enrolled international students who are not yet in the United States.

Course Information

Course Prefix, Number, Section	CS 3377.001
Course Title	Introduction to UNIX
Term	Spring 24
Days & Times	Monday, Wednesday 2:30 – 3:45
Location	ECSW 2.301

Professor Contact Information

Professor	Dr. John Blob
Office Phone	1234567891
Other Phone	
Email Address	john.blob@utdallas.edu
Office Location	FN 12.234
Office Hours	Fridays 1-2PM
Other Information	Additional office hours will be held upon student query.

All e-mails must have the Course.section in the e-mail subject title, or the e-mail will not get a response.

Course Pre-requisites, Co-requisites, and/or Other Restrictions

Prerequisite: (CE 2336 or CS 2336 or CS 2337) with a grade of C or better or equivalent. (Same as SE 3377) (3-0).

Course Description

Systems Programming in UNIX and Other Environments (3 semester credit hours)

Basic UNIX concepts, commands and utilities, organization of UNIX file system including links and access control, creating, and managing UNIX processes and threads, implementing algorithms using shell scripts, basic networking concepts including socket and client-server programming, inter-process communication using pipes and signals, using a version control system to manage work, and introduction to cloud computing. Design and implementation of a comprehensive programming project is required.

Student Learning Objectives/Outcomes

Ability to use Unix/Linux operating system (command line interface, shell scripting, regular expression).

2. Ability to use Unix/Linux programming environment and development tools.
3. Ability to program with Unix/Linux processes, threads, and interposes communication facilities.
4. Ability to program with Unix/Linux file system, file input and output, and redirection.
5. Ability to develop programs for network environment (client-server model, socket programming, and cloud computing).

Required Textbooks and Materials

Required Texts

Intro to UNIX

Required Materials

Laptop with Terminal

Assignments & Academic Calendar

Topics, Reading Assignments, Due Dates, Exam Dates

Assignment 1: Jan 30, 2024

Assignment 2: Feb 5, 2024

Assignment 3: March 3, 2024

Assignment 4: March 25, 2024

Assignment 5: April 20, 2024

Exam 1: Feb 22, 2024

Exam 2: May 3, 2024

Grading Policy

[97,100] == A+

[93, 97) == A

[90, 93) == A-

[87, 90) == B+

[80, 87) == B

[0, 80) == F

Course Policies

Make-up exams

Make up Exams will be given on a case by case basis.

Extra Credit

No extra credit will be applied.

Late Work

Each student has an allowance of 1 assignment submitted late with no penalty.

Class Materials

The instructor may provide class materials that will be made available to all students registered for this class as they are intended to supplement the classroom experience. These materials may be downloaded during the course; however, these materials are for registered students' use only. Classroom materials may not be reproduced or shared with those not in class or uploaded to other online environments except to implement an approved AccessAbility Resource Center accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Class Attendance

The University's attendance policy requirement is that individual faculty set their course attendance requirements. Regular and punctual class attendance is expected. Students who fail to attend class regularly are inviting scholastic difficulty. In some courses, instructors may have special attendance requirements; these should be made known to students during the first week of classes.

Class Participation

Regular class participation is expected regardless of course modality. Students who fail to participate in class regularly are inviting scholastic difficulty. A portion of the grade for this course is directly tied to your participation in this class. It also includes engaging in group or other activities during class that solicit your feedback on homework assignments, readings, or materials covered in the lectures (and/or labs). Class participation is documented by faculty. Successful participation is defined as consistently adhering to University requirements, as presented in this syllabus. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Note: the instructor may choose to include one or neither of the following statements:

- (a) Texas Senate Bill 17, the recent law that prohibits diversity, equity, and inclusion programs and activities at public universities in Texas, does not in any way apply to academic course instruction. Students should not feel the need to self-censor or limit their participation in academic courses pertaining to topics of race and racism, structural inequality, LGBTQ+ issues, or diversity, equity, and inclusion, and related topics.

- (b) Texas Senate Bill 17, the recent law that prohibits diversity, equity, and inclusion programs and activities at public universities in Texas, does not in any way apply to academic course instruction.

Class Recordings

Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the AccessAbility Resource Center has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class or uploaded to other online environments except to implement an approved AccessAbility Resource Center accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

NOTE: if the instructor records any part of the course, then the instructor will need to add the following syllabus statement:

The instructor may record meetings of this course. These recordings will be made available to all students registered for this class if the intent is to supplement the classroom experience. If the instructor or a UTD school/department/office plans any other uses for the recordings, consent of the students identifiable in the recordings is required prior to such use unless an exception is allowed by law.

Classroom Citizenship

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

Accommodations for Students with Disabilities

Please review [the section](#) within the UT Dallas Syllabus Policies and Procedures webpage.

Academic Support Resources

Please visit the [Academic Support Resources](#) page to view the University’s academic support resources for all students.

UT Dallas Syllabus Policies and Procedures

Please visit the [Syllabus Policies](#) page to view the University's policies and procedures segment of the course syllabus.

Please review the catalog sections regarding the [credit/no credit](#) or [pass/fail](#) grading option and withdrawal from class.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.