OAKLAND UNIVERSITY
Department of Computer Science & Engineering
CSI 1420
Introduction to C Programming & Unix

COURSE #: CSI 1420   (original CSE 142)   **DAY/TIME: 8:00 pm-9:47 pm TR**
YEAR: Winter 2018
PROFESSOR: Dr. Chaoyang Li   **CLASS LOCATION**: EC 550
OFFICE PHONE NUMBER: 248 370 4077   **EMAIL**: chaoyangli@oakland.edu
OFFICE: Room 128, DH   **OFFICE HOURS**: 12:30pm-1:30 pm, TR
CREDITS: 4.000
TA's name: Rasha Al Bashaireh
TA's email: ralbashaireh@oakland.edu
TA's office hour: 12:00pm–2:00pm, Monday
TA's office location: DH 109

COURSE DESCRIPTION
 Introduction to programming and problem solving using C and Unix. The topics include fundamentals of C programming and basic Unix commands including file organization, user commands, and utilities in Unix and creating, editing, executing, and debugging C programs. Introduction to shell programming.

PREREQUISITES
(MTH 154 or MTH 1554) or equivalent. Students without proper prerequisites will be dropped from the class, without any prior notice, at any time during the semester.

LEARNING OUTCOMES:
- Use common Unix commands and utilities.
- Describe organization of Unix file systems.
- Write C programs that contain expressions, flow control, functions, arrays, and input/output.
- Debug and run C programs under Unix.
- Write Linux/Unix shell programs to perform tasks of moderate complexity.

REQUIRED TEXT:
1) Glass and Ables, UNIX for Programmers and Users, Third Edition. Prentice Hall.
2) King, C Programming: A Modern Approach, Norton.

COURSE FORMAT: lecture

IMPORTANT OU DEADLINES:
Apr. 2, 2018 is the full semester Midpoint, i.e., the last day to withdraw and possibly receive a "W" for full semester classes.

ASSIGNMENTS AND PROJECTS: Hardcopies of assignments and project reports must be handed in to me in class on time and will not be accepted when past due time (i.e., class time on the due day). Email

submissions are not allowed. Solutions of assignments and tests are discussed in class, so students are responsible to get graded assignments (students may keep them), know solutions, and review tests.

GRADING:

Percentage	Grade
97.5-100%	4
94.5-97.4%	3.9
92-94.4%	3.8
90-92.4%	3.7
87-89.4%	3.6
85-87.4%	3.5
82-84.4%	3.4
80-82.4%	3.3
77-79.4%	3.2
75-77.4%	3.1
72-74.4%	3
70-72.4%	2.9
67-69.4%	2.8
65-67.4%	2.7
62-64.4%	2.6
60-62.4%	2.5
50-59.4%	2.0-2.4
Anything below 500	Failing grade

GRADING Assessment:

1) Homework (approx.. 5):20% (lowest score dropped)
2) Two exams:15% each
3) Programming challenge (approx. 10): 20% (lowest score dropped)
4) Final Exam:20%
5) Attendance:5%
6) Participant:5%

FINAL EXAM

The Final Exam will be given in the above classroom, 8:00-11am, April 24.

CLASS POLICIES:

- **Attendance:** Student is allowed up to two (2) absences. Roll will be taken during class, and a late student will be counted as absent. If a student has greater than three absences, then the instructor may drop the student from the class or drop the final grade by one letter grade. Any student missing a lesson is responsible for all material assigned or covered in class during his or her absence. Do not send me an e-mail asking what was covered in the class(es) missed.
- **Class Web Site:** class information such as class cancellation and schedule change will be announced in class and posted on the class Web site. Syllabus, Assignments, Test Reviews, Project Schedule, Lecture Notes, Text Book Web Site are also posted on the class Web site.
- **Withdrawal:April 2 is the** Last day official withdrawal - 2nd half classes. In-person drops of courses must be received by the Office of the Registrar by 4 p.m.
- **Make-ups:** Must need the instructor's special permission. In most cases, they are not allowed.
- **Academic conduct policy**: Plagiarism will result in a score of zero on any test, assignment or paper. The instructor has the right to evaluate if students are cheating and make a decision.
- **Add/Drops:** The university policy will be explicitly followed. It is the student's responsibility to be aware of deadline dates for dropping courses.
- Cell phones and pagers must be turned off during class. First violation receives a warning. All succeeding violations result in a ten point deduction off the final exam. Any violation during a quiz or exam results in a ten percent deduction off the corresponding paper. No warnings for quizzes or exams
- **Late work:** 10% late penalty within 7 calendar days of the original due date. No submission accepted after that.
- **Absolutely no lame excuses please**, such as "I have to go home early, allow me to take the test on Apr 1", or "I had a fight with my girlfriend, which affects my performance". Even when they are true, they are still lame.
- **The course syllabus provides a general plan for the course; deviations may be necessary.**
- Please advise the instructor if you have a documented disability that needs to be accommodated.
- No extra work in the next semester given to improve your grade. Any queries about the grades should be brought to the attention of the instructor within a week after the graded students' works have been returned to the class
- Assignments and exams (except final exam) will be graded and returned in approximately one week after it was collected or given respectively. Should there be a delay, the students will be notified.
- No food or drinks allowed in the classroom.

My assumptions:

You are here to learn this course as best you can
You will give your best effort
You will read the book
You will come to class on time and stay to the end
You will pay attention and communicate
You will use class time for class-related activities only