Kansas State University

Department of Computing and Information Sciences (CIS)

CIS 308

Nichols 128

Spring, 2015

Instructor: Stéphane Faroult (sfaroult@ksu.edu)
Office Hours: Nichols 316B, Thu 2pm-3pm, Fri 10am-12am and by appointment.

Teaching Assistant:
Sowmya Mothekani (sowmyam@ksu.edu)

Slides are available as a PDF document on KSOL (Canvas). Slides are posted prior to the next lab, optionally with additional documents.

Required Textbook: None.

Objectives: The objective of this course is to give a good knowledge of C and C++, as well as a working practice of Linux.

The following topics will be covered:

- Building a program on Linux
- Major differences between C and Object Oriented languages such as Java (and C++)
- Pointers and memory management
- Data structures in C/C++
- System calls

The first half of the course will solely be devoted to C, and the second half will present C++ and the efforts to build a “better C”.

Grades:

There won’t be any exam and the final grade will be computed from the various lab assignments.

Course Policies

Drop Policy

It is your responsibility to drop the course if you are enrolled but decide not to complete the course --- there are no “automatic” drops due to nonattendance.
**Academic Honesty**

Kansas State University has an Honor System based on personal integrity, which is presumed to be sufficient assurance that, in academic matters, one's work is performed honestly and without unauthorized assistance. Undergraduate and graduate students, by registration, acknowledge the jurisdiction of the Honor System. The policies and procedures of the Honor System apply to all full and part-time students enrolled in undergraduate and graduate courses on-campus, off-campus, and via distance learning. The honor system website can be reached via the following URL: www.k-state.edu/honor. A component vital to the Honor System is the inclusion of the Honor Pledge which applies to all assignments, examinations, or other course work undertaken by students. The Honor Pledge is implied, whether or not it is stated: "On my honor, as a student, I have neither given nor received unauthorized aid on this academic work." A grade of XF can result from a breach of academic honesty. The F indicates failure in the course; the X indicates the reason is an Honor Pledge violation.

**Students with Disabilities**

Students with disabilities who need classroom accommodations, access to technology, or information about emergency building/campus evacuation processes should contact the Student Access Center and/or their instructor. Services are available to students with a wide range of disabilities including, but not limited to, physical disabilities, medical conditions, learning disabilities, attention deficit disorder, depression, and anxiety. If you are a student enrolled in campus/online courses through the Manhattan or Olathe campuses, contact the Student Access Center at accesscenter@k-state.edu, 785-532-6441; for Salina campus, contact the Academic and Career Advising Center at acac@k-state.edu, 785-826-2649.

**Expectations for Classroom Conduct**

All student activities in the University, including this course, are governed by the Student Judicial Conduct Code as outlined in the Student Governing Association By Laws, Article V, Section 3, number 2. Students who engage in behavior that disrupts the learning environment may be asked to leave the class.

**Copyright Notification**

Copyright 2015(Stéphane Faroult) as to this syllabus and all slides. During this course students are prohibited from selling notes to or being paid for taking notes by any person or commercial firm without the express written permission of the professor teaching this course.

**Campus Safety**

Kansas State University is committed to providing a safe teaching and learning environment for student and faculty members. In order to enhance your safety in the unlikely case of a campus emergency make sure that you know where and how to quickly exit your classroom and how to follow any emergency directives. To view additional campus emergency information go to the University's main page, www.k-state.edu, and click on the Emergency Information button.