

## CS 371 and NET 371 - UNIX - Fall 2015

### **Prerequisites:**

CS 250 (Data Structure I)

### **Class Meetings:**

MWF 9:00am-9:50am, 132 Stipes Hall

### **Office Hours:**

MWF 2:00pm-3:20pm

Additional office hours are available by appointment.

Office hours are subjected to change. Any changes will be updated on the course website.

### **Instructor:**

Dr. Hoang Bui, Assistant Professor, School of Computer Sciences

Email: h-bui at wiu dot edu

Office: 447L Stipes Hall

### **Course Overview:**

This course will introduce UNIX environment to students. Students will learn about history of UNIX and reflect on its philosophy. Students will become familiar with UNIX terminal and be able to use some basic UNIX commands. This course will also give students a deep understand on how UNIX systems operate. Course topics include pipes, file system and shell scripting. Additionally, students will also write, compile, and run several C programs that invoke system calls.

### **Course Textbooks:**

Required: Brian W. Kernighan and Rob Pike, **The Unix Programming Environment**, Prentice-Hall, 1st edition.

Required: Eric Raymond, **The Art of Unix Programming**, Addison-Wesley, 1st edition.

### **Course Website:**

<http://faculty.wiu.edu/h-bui/teaching/2015Fall/cs371>

### **Grading:**

The programming assignments, exercise and quizzes are to be done individually, unless otherwise noted. Graduate students will need to complete additional requirements on the final project.

If you have any questions regarding how any assignment or exam is graded or that you deserve more points than you received, you must see the instructor before the next class meeting. Any

assignment or exam returned to the instructor for regrading will be subject to regrading as a whole.

|                 |            |
|-----------------|------------|
| Item            | Percentage |
| Attendance      | 5%         |
| Lab Assignments | 40%        |
| Midterm         | 25%        |
| Final Exam      | 30%        |

#### Undergraduate students

| Grade | Range  | Grade | Range | Grade | Range |
|-------|--------|-------|-------|-------|-------|
| A     | 100-93 | A-    | 92-90 | B+    | 89-87 |
| B     | 86-83  | B-    | 82-80 | C+    | 79-77 |
| C     | 76-73  | C-    | 72-70 | D+    | 69-67 |
| D     | 66-63  | D-    | 62-60 | F     | 59-0  |

#### **Attendance and Deadlines:**

Students are expected to attend, participate and contribute during class. You must self-report any related absence(s) using the *Online Absence Reporting System, O.A.R.S.*, which is available from the website <https://my.wiu.edu>.

Late assignments are only accepted within 24 hours of the original deadline (usually beginning of class). There will be 25% penalty on late assignments. Assignment not turned in or more than 24 hours late will receive 0 points.

Makeup exam is only allowed in case of a true medical or family emergency on the day of the exam. Please email the instructor in a timely manner to arrange a makeup exam.

Final exams schedule: <http://www.wiu.edu/registrar/exams.php>

#### **Student Rights and Responsibilities.**

Please see <http://www.wiu.edu/provost/students.php>

#### **Student Academic Integrity Policy.**

Please see <http://wiu.edu/policies/acintegrity.php>

You may not copy assignment solutions from another student or any other sources. You may not allow other students to copy your assignment solutions (intentionally or unintentionally).

Any incidents will be reported to The Council on Admission, Graduation, and Academic Standards (CAGAS)

**Students with disabilities:**

In accordance with University values and disability law, students with disabilities may request academic accommodations where there are aspects of a course that result in barriers to inclusion or accurate assessment of achievement. To file an official request for disability-related accommodations, please contact the Disability Resource Center at 309-298-2512, [disability@wiu.edu](mailto:disability@wiu.edu) or in 143 Memorial Hall. Please notify the instructor as soon as possible to ensure that this course is accessible to you in a timely manner.