CSCI 591 Natural Language Processing

Brief course description:
Students will learn the basics of processing natural languages for text analysis and compiler design.

Instructor:
Oliver Serang, Social Science 408
Office hours Th 2:50pm – 3:50pm

Time and place:
T/Th 1:30pm-2:50pm SS362

Learning goals:
1. Analyze and understand the fundamentals of software for processing language.
2. Build tools demonstrating this mastery.

Learning outcomes:
Students will learn about methods for representing text, estimating distance between texts, attributing authorship, parsing a programming language, classifying text, and generating text.

Attendance policy:
As a primarily discussion- and project-based course, attendance is highly encouraged, but is not part of the final grade; however, it is the responsibility of students to arrive at class on time in order to respect the instructor, their classmates, and to minimize disruptions.

Missed or late assignments will be given a score of 0 without a note from a doctor for an urgent situation for the day of the assignment. Deadlines are firm: late assignments will not be accepted without a doctor’s note for an urgent situation for the day of the assignment.

Projects:
Projects consist of programming assignments designed and written in class and outside.

Grading:
Final grades will be curved at the instructor’s discretion. The pre-curved grades will combine grades with the following weight:

100% average project score

These pre-curved grades will be: 90% A, 80% B, 70% C, 60% D, 50% F, and the curve may only improve grades.

Academic honesty and plagiarism:
All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code: (http://www.umt.edu/vpsa/policies/student_conduct.php).

Disability policy:
The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students. If you have a disability that adversely affects your academic performance, and you have not already registered with Disability Services, please contact Disability Services in Lommasson Center 154.