

CSCI291: Version Control with Git Spring Semester 2015

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Course Description

A weekly seminar to provide a practical introduction to the concepts of version control as implemented in [Git](#). This is accomplished by exploring the porcelain commands of the git program and their effective use tracking content. This will enable students to more effectively apply the skill in any context including professional and academic applications.

Learning Outcomes

- Conceptual Understanding of Version Control
- Ability to Communicate and Discuss Git Concepts
- Installation and Configuration of Git
- Effective Tracking of Content
- Using Git in Distributed Workflows
- Applying Git Practices as a Team
- Automation and Tool Integration

Attendance

Attendance is mandatory for the seminar. Students will be allotted two unexplained absences during the semester. It is understandable for events such as illness and emergencies to occur which may lead to more than two absences. If this is the case, please contact the professor as soon as possible to arrange an exception.

Assignments and Grades

The seminar will have no formal assignments or tests. There may be optional tasks or assignments to help solidify ideas presented in the seminar, but these will not be graded.

The class is available as Credit/No Credit. Students who observe the attendance requirements will receive credit for the seminar.

Required Textbooks

There are no required textbooks. The content is based on the text *Pro Git* which is released under a creative common license without cost at the following website <http://git-scm.com/book/en/v2>.

Academic Honesty

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. The Code is available for review online at http://life.umt.edu/vpsa/student_conduct.php.

Accommodation

Students with disabilities may request reasonable modifications by contacting the professor. The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students. “Reasonable” means the University permits no fundamental alterations of academic standards or retroactive modifications.