Southern Oregon University Department of Computer Science
CS418: Theory of Computation
CRN: 6752
Spring 2017 Syllabus

Instructor: Kevin Sahr
Office Hours: Mondays, 10:00-12:00AM, Wednesdays, 9:00AM - 12:00AM, or by appointment
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Course web page: http://webpages.sou.edu/~sahr/cs418

Class Times
Tuesday & Thursday 8:30 - 10:20 AM in CE012.

Course Description
Covers formal language and automata theory from finite state automata to Turing machines. Presents the Chomsky hierarchy of languages and the relationship between languages and automata. Prerequisites: CS258 and MTH252 with a C- or better.

Textbook

Grading
Your grade will be determined by:

• A class participation grade, worth 10% of your grade. Note that more than 2 absences will count against your class participation grade.
• Approximately ten assignments, worth 30% of your grade. Your lowest assignment score will be thrown out. Late lab assignments will not be accepted.
• Three quizzes, worth 40% of your grade. Note that one of these quizzes will occur during quiet week.
• A comprehensive final exam worth 20% of your grade. The final will be based on the quizzes. The final is scheduled for Thursday, June 15th from 8:00 - 10:00 AM.

If you are in need of support because of a documented disability (whether it be learning, mobility, psychiatric, health-related, or sensory) you may be eligible for academic or other accommodations through Disability Resources.

Call Academic Support Programs at 541-552-6213 to schedule an appointment with the Director of Disability Resources. The Academic Support Programs office is located in the Stevenson Union, lower level. (See WWW.SOU.EDU/ACCESS/DSS for more information.)