COURSE INFORMATION
TLEN5540: Network Security Lab

Course Description
This course builds on skills learned in TLEN5530. A lab approach is taken, each session will be hands on. We will use tools and techniques used in large scale network analysis and protect. At the end of this course students will be highly skilled in network security.

Goals
This course has one major goals:
• Make you a network security ninja.

Prerequisites
TLEN 5330 (Applied Network Security), hands on use of linux and virtual machines is required. If you do not have a technical background you will have a very hard time in this course.

Instructor
Joe McManus
joe.mcmanus@colorado.edu

SAs:
TBD

Course Pages
• Desire2Learn: https://learn.colorado.edu

Office Hours and Recitation
I don’t have formal office hours, so send me email instead. The SA can also help in understanding class material via email or the Desire2Learn discussion boards.

Books
• Tao of Network Security Monitoring

Grading
• Midterm: 50%
• Final: 50%

Grading Scale
• 93—100% A
• 90—92% A-
• 87—89% B+
• 82—87% B
• 80—82% B-
• 78—80% C+
• 70—77% C
• 0—69% F

Schedule
Monday 17:45, ECCR 283
### Syllabus

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<td>Holiday/No Class</td>
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<td>Metasploit/Python Web Attack</td>
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**IMPORTANT STATEMENTS**

**Disability**
If you qualify for accommodations because of a disability, please submit to me a letter from Disability Services in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities. Contact: 303-492-8671, Center for Community N200, and http://www.colorado.edu/disabilityservices. If you have a temporary medical condition or injury, see guidelines at http://www.colorado.edu/disabilityservices/go.cgi?select=temporary.html

Disability Services’ letters for students with disabilities indicate legally mandated reasonable accommodations. The syllabus statements and answers to Frequently Asked Questions can be found at http://www.colorado.edu/disabilityservices

**Religious Observances**
Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, please email me if you plan to miss class due to a religious holiday. See full details at www.colorado.edu/policies/fac_relig.html

**Classroom Behavior**
Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, color, culture, religion, creed, politics, veteran's status, sexual orientation, gender, gender identity and gender expression, age, disability, and nationalities. Class rosters are provided to the instructor with the student’s legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. See policies at
Discrimination and Harassment
The University of Colorado at Boulder Discrimination and Harassment Policy and Procedures, the University of Colorado Sexual Harassment Policy and Procedures, and the University of Colorado Conflict of Interest in Cases of Amorous Relationships policy apply to all students, staff, and faculty. Any student, staff, or faculty member who believes s/he has been the subject of sexual harassment or discrimination or harassment based upon race, color, national origin, sex, age, disability, creed, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Student Conduct (OSC) at 303-492-5550.

Information about the ODH, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at http://www.colorado.edu/odh

Honor Code
All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution.

Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct shall be reported to the Honor Code Council (honor@colorado.edu; 303-735-2273). Students who are found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member and non-academic sanctions (including but not limited to university probation, suspension, or expulsion). Other information on the Honor Code can be found at http://www.colorado.edu/policies/honor.html and at http://www.colorado.edu/academics/honorcode/