**CS 3705** Protocol Analysis
Fall Semester 2014

| Instructor        | Drew Weidman  
|                  | Office: TE110J  
|                  | Phone: 801-626-7025  
|                  | E-mail: dweidman@weber.edu  
|                  | Office Hours: T,W,Th 8:30 – 9:20, Th 11:30 – 12:30, 1:30-2:30 PM  
| Classroom         | TE109F  
| Days/Time         | Mon/Wed 11:30 am – 1:20 pm  
| Texts             | *Wireshark Network Analysis; 2nd Ed. Laura Chappell, ISBN 978-1893939943*  
| Learning Objectives | This course provides an in depth look at the fundamentals of what protocols do and how they work, how addresses and routing are used to move data through the network, and how information is exchanged over the Internet. In depth analysis of network traffic packets will include normal traffic as well as protocol attack patterns.  
| Class             | Class will consist of lectures, discussions, assignments, and exams out of our textbook. Questions and comments are encouraged. It is expected that students will read the material related to each week’s coursework.  
| Assignments       | There will be weekly assignments for the class. Assignments will consist of analyzing TCP/IP traffic captures. The assignments are worth 25% of your grade.  
| Presentations     | You will also give a presentation on an analysis of network traffic. You will also be expected to turn in evaluations of other students presentations. The presentation and analysis is worth 25% of your grade.  
| Exams             | There will be two exams for the class. The exam will be administered in class. The exams are worth 50% of your grade. I will give out a review sheet prior to each exam. This will help you concentrate on those topics which are of the most importance for the exam.  
| Accommodations for disabilities | Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Service Center.  
| Grading           | The final grade will be given based on points accumulated through exams and labs. Standard grading will apply: 94.00-100 A; 90.00-93.99 A-; 87.00-89.99 B+; 84.00-86.99 B; 80.00-83.99 B-; 77.00-79.99 C+; 74.00-76.99 C; 70.00-73.99 C-; 67.00-69.99 D+; 64.00-66.99 D; 60.00-63.99 D-; 59.99 or below E.  
| Allocated Time    | You should anticipate spending two to three hours of study per week for each credit hour of a university course. This class requires that you spend time looking at large trace files. It is time consuming and takes some skill to be able to analyze what is happening.  
| Policies          | Exams can only be taken on the days given unless arrangements are made to take them ahead of time. It is better to work with me ahead of time if
<table>
<thead>
<tr>
<th>Cheating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students are expected to maintain academic ethics and integrity in regards to performing their own work. The WSU Student Code states clarifies cheating. Cheating, which includes but is not limited to: 1) Copying from another student's test paper; 2) Using materials during a test not authorized by the person giving the test; 3) Collaborating with any other person during a test without authority; 4) Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test, without authorization of the appropriate official; 5) Bribing any other person to obtain any test; 6) Soliciting or receiving unauthorized information about any test; 7) Substituting for another student or permitting any other person to substitute for oneself to take a test. 8) Plagiarism, which is the unacknowledged (uncited) use of any other person or group's ideas or work. This includes purchased or borrowed papers; 9) Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit; 10) Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process; 11) Giving, selling or receiving unauthorized course or test information; 12) Using any unauthorized resource or aid in the preparation or completion of any course work, exercise or activity; 13) Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions; If a student is caught cheating, the student will receive an automatic failure for the course. If it occurs again, the student will be expelled from the program for a period of one semester (not including summer). The third occurrence will result in dismissal from the program.</td>
</tr>
</tbody>
</table>