Introduction to Cybersecurity – SURVEY   [homework #1]
CPEG/ELEG/CISC/MISY 465/665 – Spring 2015

1) What is your major (circle)   (CPEG)   ELEG   CISC   MISY   OTHER=_____

2) What is your primary (laptop) computer type? (circle)   PC   MAC   (OTHER)
　　　how much memory (RAM) does it have (GB)? 2x4GB
　　　how much free disk does it have (GB)? 500GB
　　　what operating system(s)? Ubuntu 18.04 + KDE Plasma

3) Have you taken a computer networking class (circle)   YES   NO   (TAKING_NOW)
　　　if yes, what class? _____

4) Can you program (code)? (circle)   (YES)   NO
　　　how well? (circle) [1=beginner, 5=expert]   1   2   3   (4)   5
　　　what language(s)? Python, Java, C/C++, MIPS, MATLAB

5)   Can you use linux from the command line?   (circle)   (YES)   NO
　　　if, yes, how well? (circle) [1=beginner, 5=expert]   1   2   3   (4)   5
　　　if yes, what shell(s)? Bash

6) Have you ever used Virtual Machine (VM) technology (e.g. VirtualBox, VMware Fusion, Player, or
Workstation, Parallels, KVM, etc.)? (circle)   (YES)   NO
　　　if yes, have you ever build a VM? (circle)   YES   (NO)
　　　Have you ever loaded an Operating System? (circle)   (YES)   NO

8) Have you done or studied security before? (circle)   YES   (NO)
　　　security classes(s)   list:_____   .   YES
　　　security talk(s)   .   .   .   .   .   .   YES
　　　security camp(s)   .   .   .   .   .   .   YES
　　　competitions (e.g. CTFs)   .   .   .   .   .   YES
　　　conference(s)   .   .   .   .   .   .   YES
　　　would you like to do some of these activities? (circle)   YES   (NO)

9) Do you have (even limited) hands-on experience with these tools/systems/techniques? (circle any)
　　　ssh/scp   .   .   .   .   (YES)
　　　wireshark (network analyzer) .   .   .   .   .   YES
　　　vulnerability scanning (NESSUS, OpenVAS, etc.) .   .   YES
　　　Amazon EC2 (cloud) .   .   .   .   .   .   YES
　　　socket programming (networking)   .   .   .   .   YES
　　　metasploit   .   .   .   .   YES
　　　computer admin/IT/security job   .   .   .   .   (YES)

10) What is you interest in cybersecurity? (circle any)
　　　just interested / curious   .   .   .   .   .   (YES
　　　broaden my computer skills .   .   .   .   .   YES
　　　technically strengthen my major (e.g. engr, CIS, MIS)   .   YES
　　　resume builder   .   .   .   .   .   .   YES
　　　possible career   .   .   .   .   .   .   YES)
　　　Cybersecurity Minor .   .   .   .   .   .   YES
　　　Cybersecurity Masters (MS) .   .   .   .   .   YES