Introduction & Lab Assignment #1

1.

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CSC-116-71

CSI.AAS - Computer & Information Systems

I took this class as a replacement for 241 web programing in order to graduate

My security goal would be to know enough to be able to protect myself and to try to get a job in the security field if possible

I was really impressed with the way you taught the class because I usually get sleepy around that time and the things you were talking about sounded so cool that I couldn’t fall asleep. I’m glad I took this class and it looks like it’s gonna be a fun semester

2.

<http://www.youtube.com/watch?v=oLC1voKDTqE>

I couple of weeks ago my laptop malfunctioned, all of the sudden when I would power it on it would look like everything was working but I would not get any video, so I thought, well I’ll try to see if I could fix it somehow or else I’ll just get a new one because I was ok with the fact that it lasted me 4 years. While I was looking around on the internet for solutions, I found this YouTube video and I decided to try this, currently I’m waiting for the delivery of the pencil torch and as soon as it gets here I would try it!

3.

A. My CS background to date is that I took all the JAVA classes Visual Basic, both UNIX classes, and Databases, basically all the classes I needed in order to graduate.

B. My security background is very poor; I know the basic stuff like to use a firewall and antivirus, and to secure my wireless network at home, but nothing fancy like the stuff I hope I learn in this class

C. No, I currently don’t have anything to do with security in my current job, the only place where I deal with security is at home

Chapter #1 Homework #1

a) Computer experience so far:

I use computers for email,

To look for things on the web

I am self-taught

I use computers to do my taxes

b) Applications I know

word, excel, power point, outlook

textpad to run java applications

Visual Basic 2010

Labsim

HR block taxcut

c)

The one thing that I don’t know it’s how to exploit their vulnerabilities and break into them, and I don’t mean it because I’d like to hack or stuff just because I’ve always been curious

d) The difference is that a threat is more generalized, for example a severe storm is a threat to buildings; while threat agent is more specific, for example a lightning strike is a threat agent that is part if the threat of severe storm

e) Vulnerability is a weakness or fault in a system or protection mechanism that opens it to attack or damage; while exposure is the condition when the attacker knows a vulnerability.

f) The three components of the C.I.A triangle are confidentiality, integrity, and availability

g) website that deal with security:

<http://www.cisecurity.org/>

<http://www.infosyssec.com/>

Chapter #2 Homework #2

a) Information security is a management problem because it has more to do with policy and its enforcements than with the technology of its implementation

b) A vulnerability is a weakness or fault in a system or protection mechanism that opens it to attack or damage, while an exploit it’s the technique or the process used to comprise a system by taking advantage of a vulnerability.

c) A buffer overflow is an application error that occurs when more data is sent to a program buffer than it is design to handle, and it can be used against a web server on the form of a Denial-of-Service attack