**Pre-Assessment of Cyber Security Topics** (CSC 361 – Spring 2016)

This self-assessment is meant to gather data on your knowledge of these topics prior to course instruction. Respond honestly to the best of your ability regarding your level of knowledge.  Aspects of these topics are planned for the course to varying degrees. Your feedback will be helpful in refining planned instruction to best meet the range of students in this class.

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| **Rate your level of understanding on each of the following topics…**0 - None/Not at all 1 - I know a little bit2 - I have some knowledge3 - I know a great deal |

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| --- | --- | --- | --- | --- |
| * the meaning of “cyber security”
 | 0 | 1 | 2 | 3 |
| * ways cyber security issues affect me as an individual
 | 0 | 1 | 2 | 3 |
| * the components of a computer
 | 0 | 1 | 2 | 3 |
| * how information is encoded in computers to reflect numbers, colors, sounds, and instructions
 | 0 | 1 | 2 | 3 |
| * how computer networks function
 | 0 | 1 | 2 | 3 |
| * the fundamentals of cryptography
 | 0 | 1 | 2 | 3 |
| * why cryptography is important is...
 | 0 | 1 | 2 | 3 |
| * ways authentication maintains cyber security
 | 0 | 1 | 2 | 3 |
| * how cyberattacks occur
 | 0 | 1 | 2 | 3 |
| * the meaning of privacy in terms of cyber security
 | 0 | 1 | 2 | 3 |
| * the meaning of anonymity in terms of cyber security
 | 0 | 1 | 2 | 3 |
| * the meaning of accountability in terms of cyber security
 | 0 | 1 | 2 | 3 |
| * the relationship among privacy, anonymity and accountability
 | 0 | 1 | 2 | 3 |
| * the types of U.S. Government agencies and their role in cyber security
 | 0 | 1 | 2 | 3 |
| * the issues surrounding the use of computers for electronic voting
 | 0 | 1 | 2 | 3 |
| * the issues surrounding the use of digital currencies
 | 0 | 1 | 2 | 3 |
| * how intellectual property relates to cyber security
 | 0 | 1 | 2 | 3 |
| * the incentives in government that influence cyber security
 | 0 | 1 | 2 | 3 |
| * the incentives in business that influence cyber security
 | 0 | 1 | 2 | 3 |
| * the incentives in society that influence cyber security
 | 0 | 1 | 2 | 3 |
| * existence of public policies that govern cyber security
 | 0 | 1 | 2 | 3 |
| * privacy issues surrounding genomic information
 | 0 | 1 | 2 | 3 |
| * the nature of cyberwarfare
 | 0 | 1 | 2 | 3 |
| * how cyber security issues impact international relations
 | 0 | 1 | 2 | 3 |
| * what cyber security issues may confront future Presidents
 | 0 | 1 | 2 | 3 |

**Provide your response on each of the following aspects…**

FIVE key words that come to mind when I hear the term ***cyber security*** are...

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I think learning about cyber security is important because...
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Describe your ideas about the relationship between cyber security and public policy making.

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THREE questions I have about cyber security

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What TWO specific outcomes would you like from this course?

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| F  \_\_\_\_         M  \_\_\_\_ Freshman  \_\_\_\_    Sophomore  \_\_\_\_   Junior  \_\_\_\_   Senior  \_\_\_\_CS  \_\_\_\_   CS Minor  \_\_\_\_   Social Sciences   \_\_\_\_   Natural Sciences   \_\_\_\_ Humanities  \_\_\_\_   Business  \_\_\_\_ Undecided  \_\_\_\_ List or describe courses in which cyber security related topics were discussed (do your best to provide the course title, number, brief description, term, instructor. etc.) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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