Week 1

Introduction to MIS-5903
About (ISC)2 and CISSP
http://community.mis.temple.edu/mis5903sec011s18/

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Introductions: Instructor

- tuh38965@temple.edu
- Currently VP Information Security at PFFCU
- CISSP certified since 2009
- (ISC)2 certified SSCP, HCISPP, CAP
- ISACA certified – CISA/CISM/CGEIT/CRISC
- IAPP certified – CIPM/CIPP-G/CIPT
- EC-Council certified – CEH/CHFI/ECSA
- CompTIA certified since 1997

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Introductions: Students

- Preferred Name?
- Exposure to Information Security (so far)
- If employed, what industry?
- Fun Fact

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Who is (ISC)2

- (ISC)2 is a membership organization
- CISSP is one of several certifications offered
- Annual Maintenance Fees (AMFs) due
  - Certified: $85
  - Associate: $35
- CPEs due
  - Certified: 120 over 3 years (suggested minimum 40 / year)
  - Associate: 15 / year
- Tests administered by Pearson/VUE
  - Limited testing sites
- (ISC)2 Code of Ethics

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(ISC)2 Code of Ethics

- All information security professionals who are certified by (ISC)² recognize that such *certification is a privilege that must be both earned and maintained.* In support of this principle, all (ISC)² members are required to commit to fully support this Code of Ethics (the "Code"). (ISC)² members who intentionally or knowingly violate any provision of the Code will be subject to action by a peer review panel, which *may result in the revocation of certification.* (ISC)² members are obligated to follow the ethics complaint procedure upon observing any action by an (ISC)² member that breach the Code. Failure to do so may be considered a breach of the Code pursuant to Canon IV.

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(ISC)2 Code of Ethics

- Code of Ethics Preamble:
  - The safety and welfare of society and the common good, duty to our principles, and to each other, requires that we adhere, and be seen to adhere, to the highest ethical standards of behavior.
  - Therefore, strict adherence to this Code is a condition of certification.
- Code of Ethics Canons:
  - Protect society, the common good, necessary public trust and confidence, and the infrastructure.
  - Act honorably, honestly, justly, responsibly, and legally.
  - Provide diligent and competent service to principles.
  - Advance and protect the profession.

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(ISC)2 Certifications

- CISSP – www.isc2.org/cissp
- CISSP Concentrations (ISSAP, ISSEP, ISSMP)
- CCSP – www.isc2.org/ccsp - Cloud
- SSCP – www.isc2.org/sscp - Administration
- HCISPP – www.isc2.org/hcispp - Healthcare
- CAP – www.isc2.org/cap - Authorization
- CSSLP – www.isc2.org/csslp - Software Development
- CCFP – www.isc2.org/ccfp - Forensics (only until August 21, 2020)

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CISSP CBK (Common Body of Knowledge)

Domain	Weight
Security and Risk Management	16 %
Asset Security	10 %
Security Engineering	12 %
Communications and Network Security	12 %
Identity and Access Management	13 %
Security Assessment and Testing	11 %
Security Operations	16%
Software Development Security	10 %

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Certification Process - New for 2018!

- Register for exam
- Pass exam (more details in a moment)
  - Above proficiency in all domains
  - 50% is "proficiency"
- Complete the Endorsement Process (Associate / Certified)
- Complete 40 CPEs annually
- Pay Annual Maintenance Fees ($85)

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CISSP Exams at Pearson Vue

English Form
- Computer Adaptive Testing
- Up to 3 hours
- 100-150 questions (25 pre-test)
- 95% statistical confidence
- Once answered, cannot go back
- https://www.isc2.org/Certificati ons/CISSP/CISSP-Cat

Non-English Form
- Linear, Fixed-Form
- Up to 6 hours
- 250 Questions (25 pre-test)
- Can review previous questions
- Languages: French, German, Brazillian Portugese, Spanish, Japanese, Simplified Chinese, Korean

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Endorsement Process

- 5 years cumulative paid full-time experience in TWO or more of the EIGHT domains.
- Degree or other certification may waive ONE YEAR MAXIMUM
- Complete within nine (9) months of passing exam
- Retain Associate status for up to six years.
- 15 CPEs per year
- Pay Associate AMFs as due ($35/yr)

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Table AP3.T2 Approved Baseline Certifications

IAT Level I	IAT Level II	IAT Level III
A+ CE CCNA-Security Network+ CE SSCP	CCNA Security CSA+ GICSP GSEC Security+ CE SSCP	CASP CE CCNP Security CISA CISSP (or Associate) GCED GCIH

IAM Level I	IAM Level II	IAM Level III
CAP GSLC Security+ CE	CAP CASP CE CISM CISSP (or Associate) GSLC	CISM CISSP (or Associate) GSLC

IASAE I	IASAE II	IASAE III
CASP CE CISSP (or Associate) CSSLP	CASP CE CISSP (or Associate) CSSLP	CISSP-ISSAP CISSP-ISSEP

CSSP Analyst	CSSP Infrastructure Support	CSSP Incident Responder
CEH CFR CSA+ GCIA GCIH GICSP SCYBER	CEH CSA+ GICSP SSCP	CEH CFR CSA+ GCFA GCIH SCYBER

CSSP Auditor	CSSP Manager	
CEH CSA+ CISA GSNA	CISM CISSP-ISSMP	

- http://iase.disa.mil/iawip/Pages/iabaseline.aspx

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Next Steps

• Complete Discussion Question 1 (optional)
• Complete online quiz – preassessment
• Review Syllabus
• Begin Reading Chapter #1

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