

Week 1

Introduction to MIS-5903
About (ISC)2 and CISSP


<https://community.mis.temple.edu/mis5903sec711summer2021>


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Introductions:
Instructor


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
 Currently supporting FAA Security Team


 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/CHF/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: \$125
 - Associate: \$50
- CPEs due
 - Certified: 120 over 3 years
 - 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

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DoD8570

IAIT Level I	IAIT Level II	IAIT Level III
AI-12	CISSM Security	CISSM-CI
AI-13	CISSM Security	CISSM Security
AI-14	CISSM Security	CISSM Security
AI-15	CISSM Security	CISSM Security
AI-16	CISSM Security	CISSM Security
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AI-99	CISSM Security	CISSM Security
AI-100	CISSM Security	CISSM Security

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CISSP CBK (Common Body of Knowledge) 2021

Domain	Weight
Security and Risk Management	15 %
Asset Security	10 %
Security Architecture & Engineering	13 %
Communications and Network Security	13 %
Identity and Access Management	13 %
Security Assessment and Testing	12 %
Security Operations	13%
Software Development Security	11 % +

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Certification Process

- Register for exam
\$749 USD, \$50 Reschedule (48/24), \$100 Cancellation
- 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 (\$125 as of 1/23/2019)

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CISSP Exams at Pearson Vue

<p>English Form</p> <ul style="list-style-type: none"> • 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/Certifications/CISSP/CISSP-Cat 	<p>Non-English Form</p> <ul style="list-style-type: none"> • Linear, Fixed-Form • Up to 6 hours • 250 Questions (25 pre-test) • Can review previous questions • Languages: French, German, Brazilian Portugese, Spanish, Japanese, Simplified Chinese, Korean
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Retake

- Up to 4 times in a 12-month period
- 30 test-free days after first attempt
- 60 test-free days after second attempt
- 90 test-free days after third (or subsequent) attempt (e.g. 4th to 5th)
- Full Fee collected each attempt

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Question Types on Exam

CALCULATION ORDERED RESPONSE DRAG AND DROP HOT SPOTS

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Endorsement Process

5 years cumulative paid full-time experience in TWO or more of the EIGHT domains.

- 35 hrs/wk x 4 weeks = one month
- Between 20-34 hours per week:
 - 1040 hours = six months FT equivalent
 - 2080 hours = 12 months FT equivalent

Four-Year Degree or other certification may waive ONE YEAR MAXIMUM

Complete within nine (9) months of passing exam, or choose Associate of (ISC)2 Status

- Retain Associate status for up to six years.
- 15 CPEs per year (as Associate)
- Pay Associate AMFs as due (\$50/yr)

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Continuing Education

Strive for 40 CPEs per year





Resources:

- (ISC)2
 - Local Chapters
 - Webcasts
 - Professional Development Institute (PDI)
- BrightTalk
- SC Magazine
- Vendors
- Other Organizations w/Local Chapters
 - ISACA
 - ISSA
 - Infragard
 - Cloud Security Alliance
 - IAPP

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Next Steps

-  Complete Discussion Question 1 (optional)
-  Complete online quiz – preassessment
-  Review Syllabus
-  Begin Week 1 Reading Assignment

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