



# Master of Science

Information Technology and Administrative Management

## General Course Syllabus

IT 657

Strategic IT Security

4 Credits

### Course Description

This class provides a comprehensive view of information security policies and frameworks from the raw organizational mechanics of building to the psychology of implementation. It also presents an effective balance between technical knowledge and soft skills.

**Co- or prerequisite: ADMG 501**



### Learner Outcomes Assessments

Explain the purpose of information systems security policy management

Written quizzes and exams

Describe business drivers for information security policies

Written quizzes and exams

Demonstrate an understanding of U.S. Compliance Laws and information security policy requirements

Written quizzes and exams

Describe and discuss business challenges within the Seven Domains of IT Responsibility

Written quizzes and exams

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**Information Technology and Administrative Management**  
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Discuss information security policy implementation issues	Written quizzes and exams
Demonstrate an understanding of the types of IT security policy frameworks	Written quizzes, exams and written case study analysis
Explain how to design, organize, implement, and maintain IT security policies	Written quizzes, exams and written case study analysis
Describe IT security policy framework approaches	Written quizzes, exams and written case study analysis
Describe User Domain policies	Written quizzes, exams and written case study analysis
Explain IT infrastructure security policies	Written quizzes, exams and written case study analysis
Demonstrate an understanding of data classification and handling policies and risk management policies	Written quizzes, exams and written case study analysis
Describe and discuss incident response team (IRT) policies	Written quizzes, exams and written case study analysis
Compare and contrast IT security implementations	Written quizzes, exams and written case study analysis
Describe and demonstrate an understanding of IT security policy enforcement	Written quizzes, exams and written case study analysis

*Specific course faculty and materials vary by quarter. Current information can be found on MyCWU and Canvas LMS.*

*ITAM classes are often offered in online, hybrid, or traditional formats. Visit [my.cwu.edu](http://my.cwu.edu) for complete details.*

## University Policy on Academic Integrity

Academic Integrity is a standard set for this course. Students are expected to complete all of their coursework and assignments using their original words and ideas and will properly cite the words and ideas of others. Students are also expected to be honest in their interactions with the instructor. A student found to have not upheld these expectations is subject to failing this course and shall be subject to disciplinary action or sanction. [WAC 106-125-020](#) defines the term "academic

- knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of an un-administered test or information about an un-administered test;
- bribing any other person to obtain an un-administered test or information about an un-administered test; substitution for another student or permitting any other person to substitute for oneself to take a test;

dishonesty” in all its forms including cheating, plagiarism, and fabrication. This can include:

- cheating on tests;
- copying from another student’s test paper;
- using materials during a test not authorized by the person giving the test;
- collaboration with any other person during a test without authority;
- plagiarism, which shall mean the appropriation of any other person's work and the unacknowledged incorporation of that work in one's own work offered for credit;
- collusion, which shall mean the unauthorized collaboration with any other person in preparing work offered for credit.

## University Policy on Special Needs

Central Washington University is committed to creating a learning environment that meets the needs of its diverse student body. If you anticipate or experience any obstacles to learning, contact Disability Services to discuss a range of available options. Student Disability Services is located in Hogue 126. Call 509.963.2214 or email [ds@cwu.edu](mailto:ds@cwu.edu) for more information. [www.cwu.edu/disability-support](http://www.cwu.edu/disability-support)

## CWU Writing Center

Central Washington University is a community of scholars and writers who are supported by the University Writing Center. Peer consultants guide students of all disciplines and all levels toward communication that will be effective in a global and diverse environment. <http://www.cwu.edu/learning-commons/university-writing-center>

## Diversity at CWU

CWU expects every member of the university community to contribute to an inclusive and respectful culture for all in its classrooms, work environments, and at campus events.