



# Master of Science

Information Technology Management

## General Course Syllabus

ADMG 531

## Strategic Financial Decisions

4 Credits

### Course Description

This course equips IT managers with analytical and financial skills for data-driven decision-making. It covers financial analysis, key ratios, capital budgeting, and resource management, emphasizing AI tools to enhance efficiency and support sustainability goals.

**Co- or prerequisite: ADMG 501**



### Learner Outcomes

Students will be able to analyze financial and IT concepts in strategic context.

Students will be able to evaluate IT resource management and operational efficiency with an alignment with sustainability.

Students will be able to support IT project decision-making using financial and AI-driven techniques.

Students will be able to apply AI-derived insights to support data-driven decision-making and cross-departmental understanding.

### Assessments

Exercises, problems, case studies, quizzes, and exams used to assess the knowledge and understanding of financial terminology and concepts.

Exercises, quizzes, and exams used to assess knowledge and understanding of the effects of transactions on the organization's financial position.

Exercises, problems, case studies, quizzes, and exams used to assess knowledge and understanding of how to read, analyze and evaluate the financial statements and use that information to make effective decisions.

Exercises, problems, case studies, quizzes, and exams used to assess knowledge and understanding of the calculation and interpretation of key financial ratios.

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**Information Technology Management**

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Students will be able to analyze IT and financial management trends using various analytical tools and methodologies.

Exercises, problems, case studies, quizzes, and exams used to assess knowledge and understanding of working capital management techniques.

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

*IT Management 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 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;
- 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;
- 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 Bouillon 205. Call 509.963.2214 or email [ds@cwu.edu](mailto:ds@cwu.edu) for more information. [www.cwu.edu/student-life/student-support/disability-services/](http://www.cwu.edu/student-life/student-support/disability-services/)

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## 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. [www.cwu.edu/academics/academic-resources/learning-commons/tutoring/university-writing-center.php](http://www.cwu.edu/academics/academic-resources/learning-commons/tutoring/university-writing-center.php)

## 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.