ACADEMIC CATALOG
2026-2027



MIDWAY
UNIVERSITY

Midway University Course Catalog - Computer Information Systems

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Computer Information Systems

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Courses

CIS-225 - Artificial Intelligence and Society

This course introduces artificial intelligence (AI), exploring its fundamental concepts, real-world applications, and societal impact. Students will learn how AI powers everyday technologies, from search engines to self-driving cars, and gain insight into the technologies that make them work. The course also examines the ethical considerations of AI, including bias, privacy concerns, and its impact on the future of work. Through discussions, hands-on activities, and a final project, students will develop critical thinking skills to analyze AI's influence and prepare for an AI-driven world.

Upon completion, students will be able to:

- Define Artificial Intelligence (AI) and describe how it works.
- Explain key AI concepts, including machine learning and deep learning.
- Analyze ethical concerns such as bias, privacy, and job automation.
- Explore AI-related careers and essential skills for the future.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

CIS 235 - Application Software

This course teaches students how to use some of the most popular categories of business software: word processing, electronic spreadsheets, database management software, and presentation software. CIS 235 assumes no prior knowledge of these software applications; however, it also introduces advanced techniques for the experienced user. Each package studied begins working at a novice level and quickly progresses to an advanced level. The course is taught in a hands-on laboratory fashion.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

CIS 330 - Introduction to Management Information Systems

This course introduces the fundamental concepts of information systems and the ways they are applied in business. Case studies providing conceptual, hands-on and team activities will be utilized. The class will strengthen problem-solving skills using real-life business simulations.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

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