ARTIFICIAL INTELLIGENCE (AI)

AI 101   Generative AI Foundations   3 Units

An introductory course designed to provide students with guided opportunities to work with artificial intelligence technologies. This course will cover AI's impact on daily life, explore various AI tools, and create simple AI-powered applications without coding.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: L
Cal-GETC: None District GE: None
Advisory Level: Read: 3 Write: 3 Math: None
Transfer Status: None   Degree Applicable: AS

AI 102   Generative AI Software Foundations   3 Units

This course will provide students with opportunities to practice the software development fundamentals of creating an application. It will cover how to transform ideas into working applications through AI-assisted development platforms.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: L
Cal-GETC: None District GE: None
Advisory Level: Read: 3 Write: 3 Math: None
Transfer Status: None   Degree Applicable: AS

AI 103   Prompt Engineering   3 Units

Students will be introduced to prompt engineering and AI application development using the AI based software development platform. Students will learn how to effectively communicate with AI models to create software applications without coding, solving practical real-world problems.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: L
Cal-GETC: None District GE: None
Advisory Level: Read: 3 Write: 3 Math: None
Transfer Status: None   Degree Applicable: AS

AI 104   Cloud Foundations for Generative AI   3 Units

This course introduces cloud computing concepts and services. It is designed for beginners with no prior computer science background and teaches practical cloud computing skills through an AI-assisted learning platform.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: L
Cal-GETC: None District GE: None
Advisory Level: Read: 3 Write: 3 Math: None
Transfer Status: None   Degree Applicable: AS

AI 105   Generative AI Frontend Development   3 Units

This course covers the foundational principles of frontend web development, including creating responsive and visually appealing websites. Topics include HTML, CSS, JavaScript, and modern libraries/frameworks. This course equips students with the skills to design and implement interactive web applications to solve practical, real-world problems.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: L
Cal-GETC: None District GE: None
Advisory Level: Read: 3 Write: 3 Math: None
Transfer Status: None   Degree Applicable: AS

AI 106   Generative AI Backend Development   3 Units

Students will explore the principles of backend web development, focusing on server-side programming, databases, and API integration. Topics include building secure and scalable server-side applications using popular frameworks, implementing RESTful APIs, and managing data with databases. Students will apply these skills to develop and deploy dynamic web applications.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: L
Cal-GETC: None District GE: None
Advisory Level: Read: 3 Write: 3 Math: None
Transfer Status: None   Degree Applicable: AS

AI 110   Generative AI Entrepreneurship Capstone   3 Units

The AI Entrepreneurship Capstone course is the final requirement of the AI Entrepreneurship Certificate Program. It gives students practical experience in using AI to create applications that address real business problems. This course prepares students for tech-driven careers by teaching them to apply AI tools and business principles effectively.

Lecture Hours: 3 Lab Hours: None Repeatable: No Grading: L
Cal-GETC: None District GE: None
Advisory Level: Read: 3 Write: 3 Math: None
Transfer Status: None   Degree Applicable: AS