

**Artificial Intelligence Practitioner**

College Credit Certificate | Code: 66041 | 18 Credits

CIP (0511010200)

Effective Term: Spring 2024 (2243)

As artificial intelligence (AI) continues to expand in every industry, so will the demand for skilled professionals in applied AI. The College Credit Certificate in Artificial Intelligence Practitioner is for individuals with or without a technical background who are interested in entering this growing field. Learners will be introduced to core AI applications and the ethical considerations in their design and execution. Case studies and real-world applications will support learning in the fundamentals of machine learning, the functions of AI virtual assistants, and techniques used in computer vision.

MAJOR COURSE REQUIREMENTS (18.00 Credits)

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| CAI 1001C | Artificial Intelligence (AI) Thinking | (3 Credits) | |
| CAI 2100C | Machine Learning Foundations | (3 Credits) | Prerequisites: CAI 1001C and COP 1047C |
| CAI 2300C | Introduction to Natural Language Processing | (3 Credits) | Prerequisite: CAI 2100C |
| CAI 2840C | Introduction to Computer Vision | (3 Credits) | Prerequisite: CAI 2100C |
| COP 1047C | Introduction to Python Programming | (4 Credits) | |
| PHI 2680 | Artificial Intelligence and Ethics | (3 Credits) | |