ARTIFICIAL INTELLIGENCE (AI)

AI 100. Introduction to Artificial Intelligence
Credits: 3
Typically Offered: FALL
In this course, students learn basic concepts and applications of artificial intelligence (AI), including AI project cycles. There will be a focus on AI issues, including ethics, bias, culture, regulation, and professional expectations.

AI 110. Introduction to Machine Learning
Credits: 3
Prerequisites: AI 100, CIS 185, and MATH 210 with a C grade or higher.
Typically Offered: FALLSPR
This course introduces machine learning concepts and Python applications, including data acquisition, supervised and unsupervised learning, and data modeling.

AI 210. Introduction to Natural Language Processing
Credits: 3
Prerequisite: AI 110 with a C grade or higher.
Typically Offered: FALL
This course provides fundamental concepts of Natural Language Processing (NLP) and text processing, focusing on the knowledge and skills required to create language recognition applications.

AI 220. Introduction to Computer Vision
Credits: 3
Prerequisite: AI 110 with a C grade or higher.
Typically Offered: SPRING
This course provides fundamental concepts in Computer Vision, focusing on the knowledge and skills necessary to design problem-solving applications.

AI 230. Artificial Intelligence for Business Solutions
Credits: 3
Prerequisite: AI 210 and AI 220 with a C grade or higher.
Typically Offered: FALL
This course uses artificial intelligence (AI) and machine learning (ML) concepts to create business solutions.

AI 240. Artificial Intelligence Capstone Project
Credits: 3
Prerequisite: AI 210 and AI 220 with a C grade or higher.
Typically Offered: SPRING
Students will continue application of artificial intelligence (AI) and machine learning (ML) through development of these technologies to address various business challenges.