

# INDUSTRIAL ENGINEERING (ENGI)

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**ENGI 520 Advanced Data Analysis and Machine Learning 3 Credit  
Hour(s)**

**Prerequisite:** Linear Algebra-MATH321 with a score of 5

Machine learning introduces and emphasizes the methods that are used to provide computers the ability to perform various levels of artificial intelligence (AI) with the ability to learn without being explicitly programmed. Machine learning focuses on the development of computer programs and algorithms as well as the underlying data requirements that can enable computers to teach themselves, self-organize objects, and to grow or change when exposed to new data or sensory information.

**Registration Restrictions:** It is the student's responsibility to ensure all course pre-requisite requirements are fulfilled before signing up or attending this course

**Offered:** Resident