CYBR C210: AI APPLICATIONS IN CYBERSECURITY

Item	Value
Top Code	070800 - Computer Infrastructure and Support
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

This course explores the use of artificial intelligence (AI) in enhancing cybersecurity practices. Students will learn how AI technologies can detect threats, prevent attacks, and automate security tasks. Key topics include machine learning for anomaly detection, natural language processing (NLP) for threat intelligence, and AI-driven automation in cybersecurity workflows. Through lectures and hands-on labs, students will gain practical experience in applying AI techniques to real-world cybersecurity challenges such as intrusion detection, malware analysis, and vulnerability management. ADVISORY: CIS C157 and ICS C265. Transfer Credit: CSU.

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)