

# IT C275: AI INTEGRATION: LOCAL AND CLOUD SOLUTIONS

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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), <ul style="list-style-type: none"><li>• Pass/No Pass (B)</li></ul>

## Course Description

This course explores the integration of artificial intelligence across local and cloud-based environments. Students will learn how to implement AI solutions that leverage both on-premises resources and cloud services, ensuring scalability, efficiency, and security. Topics include cloud-based machine learning platforms, local AI deployment, hybrid architecture design, and data synchronization strategies. Practical exercises will focus on deploying AI applications in hybrid settings to address real-world challenges. ADVISORY: IT 128 & IT C198. Transfer Credit: CSU.

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## Method(s) of Instruction

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