**Introduction to AI**

Fall 2019

**Time and Location:** MWF 1:10-2pm, EN3102

**Instructor:** Chao Lan (clan@uwyo.edu), EN4087

**TAs:** Austin Okray (aokray@uwyo.edu), Zhen Wang (zwang10@uwyo.edu), EN4084A

**Office Hours:** W&F 2-4:30pm

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**Course Description**

This course introduces a variety of AI topics, including search, reasoning, machine learning and applications. It covers principles of AI techniques and prepares students for practicing them in Python.

**Prerequisite**

COSC 3020 or approval of the instructor. Working knowledge on probability (e.g., independence, expectation) and sufficient programming skills (preferably in Python) are required.

**Grading Policy**

- 4550: Assignment 50%, Midterm1 15%, Midterm2 15%, Final 20%
- 5550: Assignment 65%, Midterm1 10%, Midterm2 10%, Final 15%

**Reference**

- Additional reading materials will be available if appropriate.

**Assignment Policy**

- Students should hand in their own assignments. It is acceptable for students to collaborate in completing assignments, but participants should be ready to independently justify their own understandings on the submitted solutions.
- Some assigned problems may be similar to those in online materials. It is acceptable for students to borrow ideas from those materials, but practitioners should clarify the reference and be ready to justify their own understandings on the submitted solutions.
- Late submission will not be graded.

**Attendance and Auditing**

Attendance is not mandatory. Students are welcome to audit the class, but auditors cannot take exams and their completed assignments will not be graded.