# CSCI 5582 Artificial Intelligence

## Lecture 9

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# Today 9/28

- Review propositional logic
- Reasoning with Models
- Break
- More reasoning

# Knowledge Representation

- A knowledge representation is a formal scheme that dictates how an agent is going to represent its knowledge.
  - Syntax: Rules that determine the possible strings in the language.
  - Semantics: Rules that determine a mapping from sentences in the representation to situations in the world.