CSI 436/536
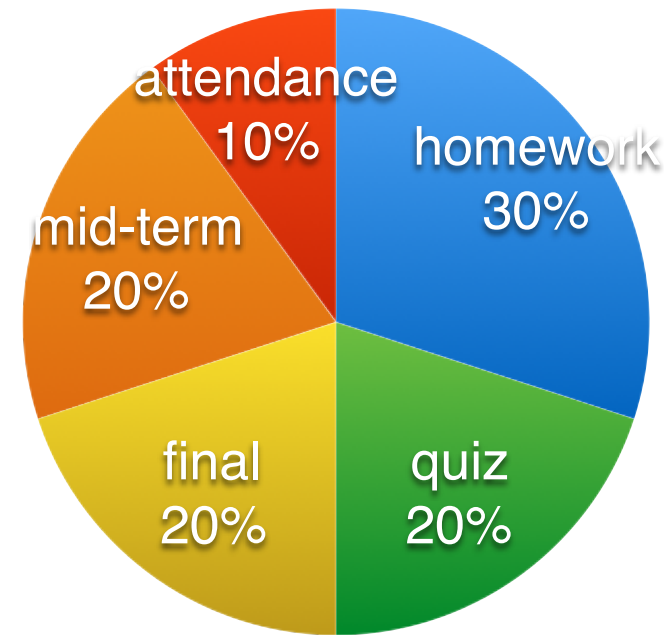# Introduction to Machine Learning

Information

Professor Siwei Lyu
Computer Science
University at Albany, State University of New York

course information

- instructor: Siwei Lyu (slyu@albany.edu)
  - Time & location: TTh 10:15AM - 11:35AM, LC3C
  - office hours: MW 11:00AM-12:00PM, UAB 413
  - TA: Yi Wei, (ywei2@albany.edu), office hours: T1:00 - 2:00PM, UAB415
- No textbook, all course materials on **blackboard**
- Prerequisites
  - Linear Algebra (AMAT 220 or equivalent)
  - Multivariate calculus (AMAT 214 or equivalent)
  - Numerical methods (CSI 401 or equivalent)
  - Data structures (CSI 210 or equivalent)
  - Algorithms (CSI 301 or equivalent)

Grading

- Attendance is checked every time
  - one "no show" with no proper excuse reduces final grade by 30%
  - second "no show" with no proper excuse reduces will lead to F
- Zero tolerance for academic dishonesty
  - No collaboration/copying allowed for any part of the homework assignments, quizzes, or exams.
  - Any violation will be reported to the department and result in a failing grade immediately!
- No make up homework or exam, late homework turn-ins get 10% discounted grade for each hour late

attendance 10%
homework 30%
mid-term 20%
final 20%
quiz 20%

Grading

- Homework (10-scale)

  - programming: submit Jupyter notebook .ipynb file

    - Use Python/NumPy/MatplotLib/

    - Code not running properly will not be graded

- Quiz in class (2-scale), 0: wrong answer, 1: partially correct, 2: correct

- Mid-term exam (100-scale)

  - Cover everything up to the mid-term

- Final exam (100-scale)

  - Covering everything after mid-term

attendance 10%

homework 30%

mid-term 20%

final 20%

quiz 20%