# Data Mining (CIS 4930/6930)

**Tuesday and Thursday, 2:00–3:15, EMC 100**

**Textbook:** Tom Mitchell, *Machine Learning*
**Web page:** www.csee.usf.edu/∼eugene/data

**Instructor:** Eugene Fink
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**Office hours:** Tuesday and Wednesday 3:30–4:30, Thursday 3:30–5:30
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### Exams

There will be a midterm exam and a final exam:

| | |
|---|---|
| Midterm | February 28 (Thursday), 2:05–3:15 |
| Final Exam | April 25 (Thursday), 2:05–3:15 |

### Homeworks

Homeworks will usually be assigned every two weeks. Each homework is due in the beginning of the class meeting (that is, at 2:00pm) on the due date. If a homework is submitted after 2:00pm, it will get fewer points:

| | |
|---|---|
| less than 24 hours past the deadline | grade is reduced by 25% |
| 24 to 48 hours past the deadline | grade is reduced by 50% |
| more than 48 hours past the deadline | too late! |

### Project

You will need to complete a course project, individually or in groups. If you work in a group, all members of the group will get the same grade for the project.

### Grading scheme

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|---|---|---|---|---|---|
| Midterm | 30% | 90–100 | A+ | 65–74.99 | B |
| Final Exam | 40% | 85–89.99 | A | 50–64.99 | C |
| Homeworks | 15% | 80–84.99 | A– | 0–49.99 | F |
| Project | 15% | 75–79.99 | B+ | | |

### Tentative course outline

Concept learning (Chapter 2)
Decision trees (Chapter 3)
Neural networks (Chapter 4)
Evaluating hypotheses (Chapter 5)
Bayesian learning (Chapter 6)
Sets of rules (Chapter 10)