CS 225 - Lecture 1

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1 Course Goals

The learning goals for this course on Data Structures are :

↪ Understanding foundational data structures and algorithms.

↪ Justifying appropriate algorithms to solve complex problems -

- Decompose problems into supporting data structures
- Analyze efficiency of implementation choices

↪ Implementing intermediate difficulty problems in C++

↪ Improving your foundation of CS theory

2 Course Logistics

Table 1: Points Distribution

Category	Contribution	Notes
Labs	120	10 each
MPs	300	50 each
Exams	420	70 each
Final Exam	160	
Total	1000	

Table 2: Extra Credit points

Category	Contribution	Notes
MP	20pts = 4 x 5	Early submission of part 1 of MPs 2 thru 6
POTD	30pts = 1 x 30	Solve problem of the day on Prairie Learn
Course Feedback survey	16pts	2 pts per survey + 4 pts for informal early feedback
Total EC	66pts	

- **Retake Exam** - Exam retake during last week of class. Replacement Grade will be the average of Original Grade & Retake Grade - so it may **lower** your grade.

3 Plagiarism Policy

Do **NOT** :

↪ Share your code

↪ Look up code solutions

↪ Use Genrative AI tools