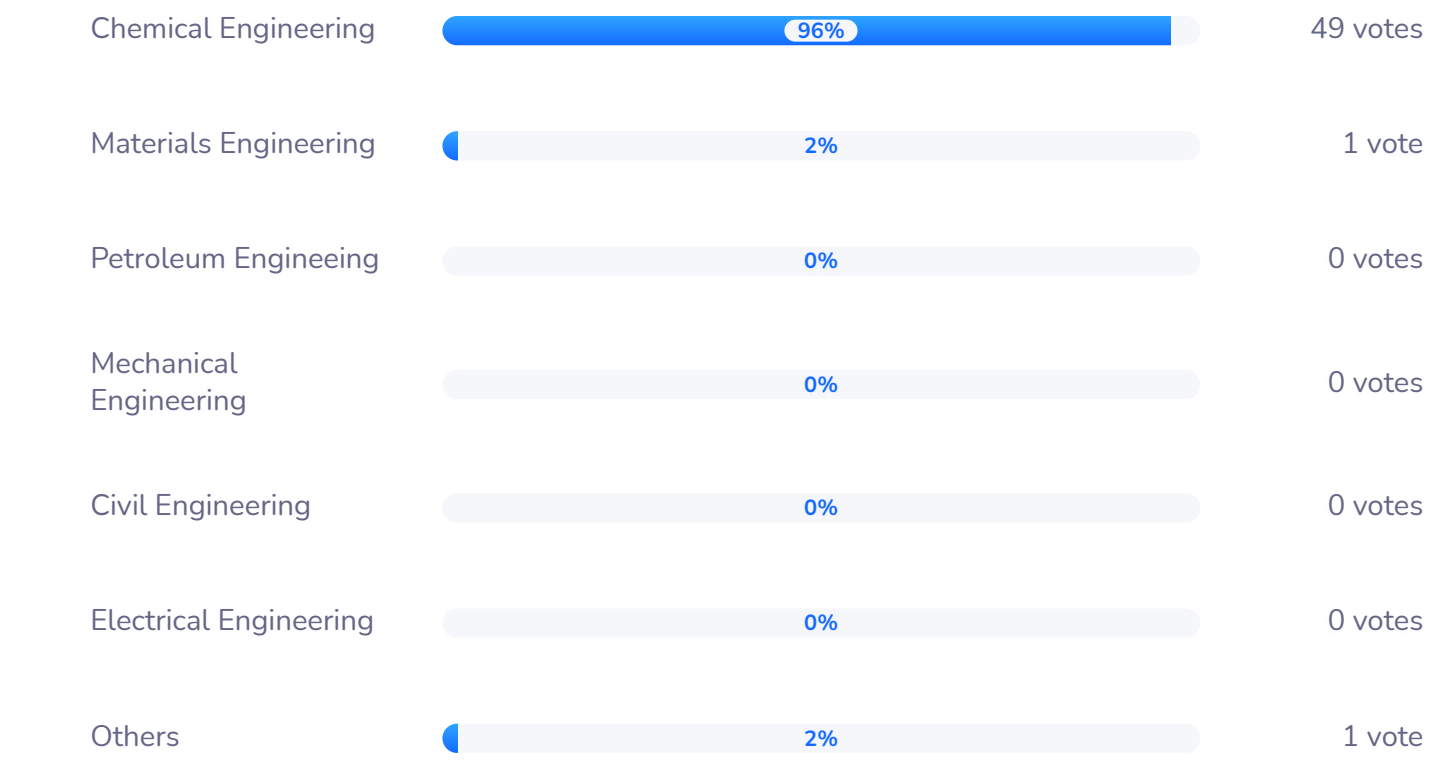
CHE 318 WS 2026 Lecture 1

Number of participants: 57

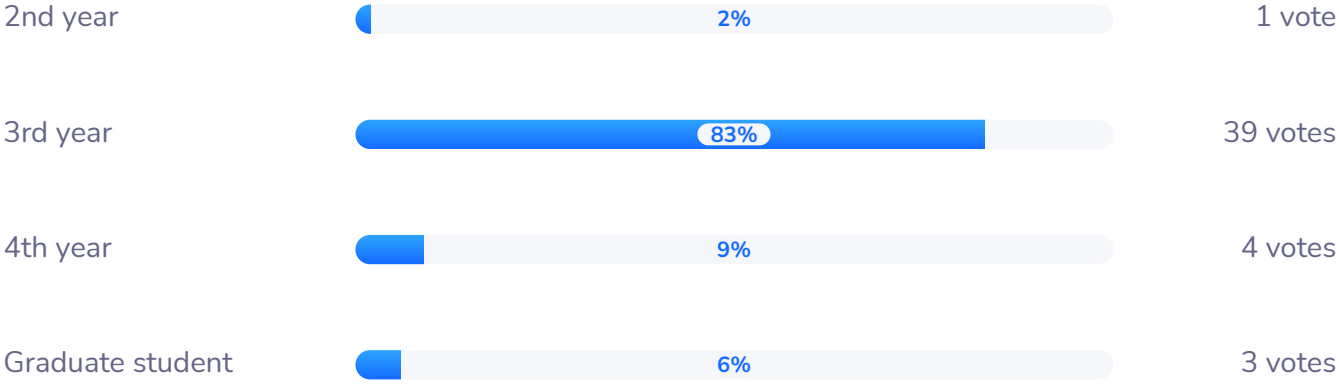
1. What is your primary program of study?

51 respondents



2. What year of study are you currently in?

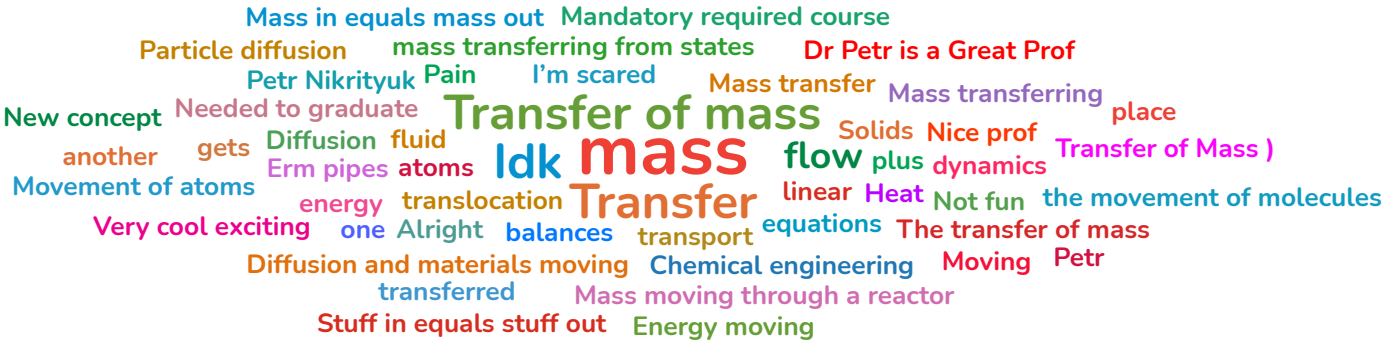
47 respondents



3. In no more than 5 words, what comes to mind when you hear mass transfer?

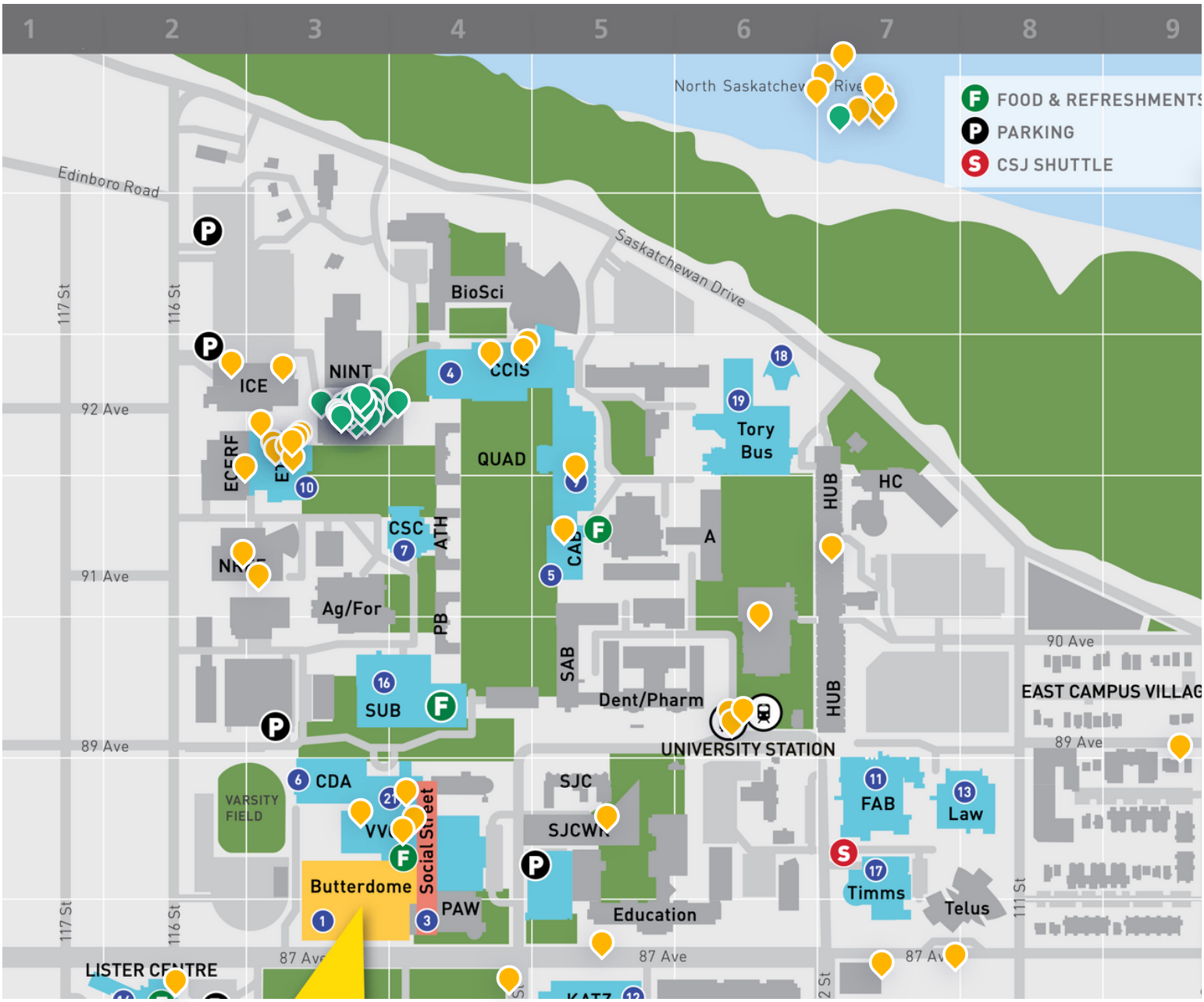
43 respondents

The instructor thanks for your inputs! I hope the word cloud may look differently by the end of this semester



4. On the map of UofA, please place the labels for 1) Where are we right now? (classroom MEC 3-1) 2) Where will you be at 12:00 pm today?

45 respondents



1	Classroom of CHE 318	45
2	You at 12:00 pm	45

This question is intended to let you think concentration as a variable that dependent on the location (x, y) and time (t)

The process of students moving from a higher concentration location (classroom) to other locations is the essense of the mass transfer course

5. In a cylinder filled with salt solution, solid salt crystals are observed at the bottom. What is the salt concentration in the solution?

42 respondents

Lower than the saturation concentration	2%	1 vote
Higher than the saturation concentrations	76%	32 votes
Equals the saturation concentration	14%	6 votes
Not enough information	7%	3 votes

The intended answer is “not enough information”
1. Has the system reached steady-state?
2. Is the concentration uniform in the liquid phase?
3. Do the environment (pressure, temperature) change during the process?

These conditions will make the answer very different