

Welcome to our CHEM 4 lecture!

We'll be starting in just a bit...

While we wait to get started:

1) If you haven't already done so, bookmark our website:

tinyurl.com/SacStateChem4

2) The TV shows that I'm binge-watching now are "The Umbrella Academy" and "Kim's Convenience" (both Netflix). If you have a favorite you'd recommend, please type it in the chat.

Dr. Jeff Paradis (he/him/his) – My story and the value of education



Resources and Student Success

The importance of asking questions and asking for help.

- So crucial to success (in college and in life), but for many of us it is so hard to do.
- My story in freshman chemistry
- Set a goal for yourself. Challenge yourself!
- We have tons of resources (academic and non-academic) on our Chem 4 website (tinyurl.com/SacStateChem4)

Asking for help has never been more important.

- Help with technology
- Social isolation/mental health
- Success in online classes



Resources and Student Success: Peer Assisted Learning (PAL)

| Section | Day/Time | Facilitator |
|---------|------------------|-----------------|
| 1 | MW 10 – 10:50 | Alani Zivanovic |
| 2 | TR 10:30 – 11:20 | Nely Munoz |
| 3 | TR 12 – 12:50 | Joselin Salinas |
| 4 | MW 12 – 12:50 | Phayth Jessie |
| 5 | TR 3 – 3:50 | Arcel DiMaano |

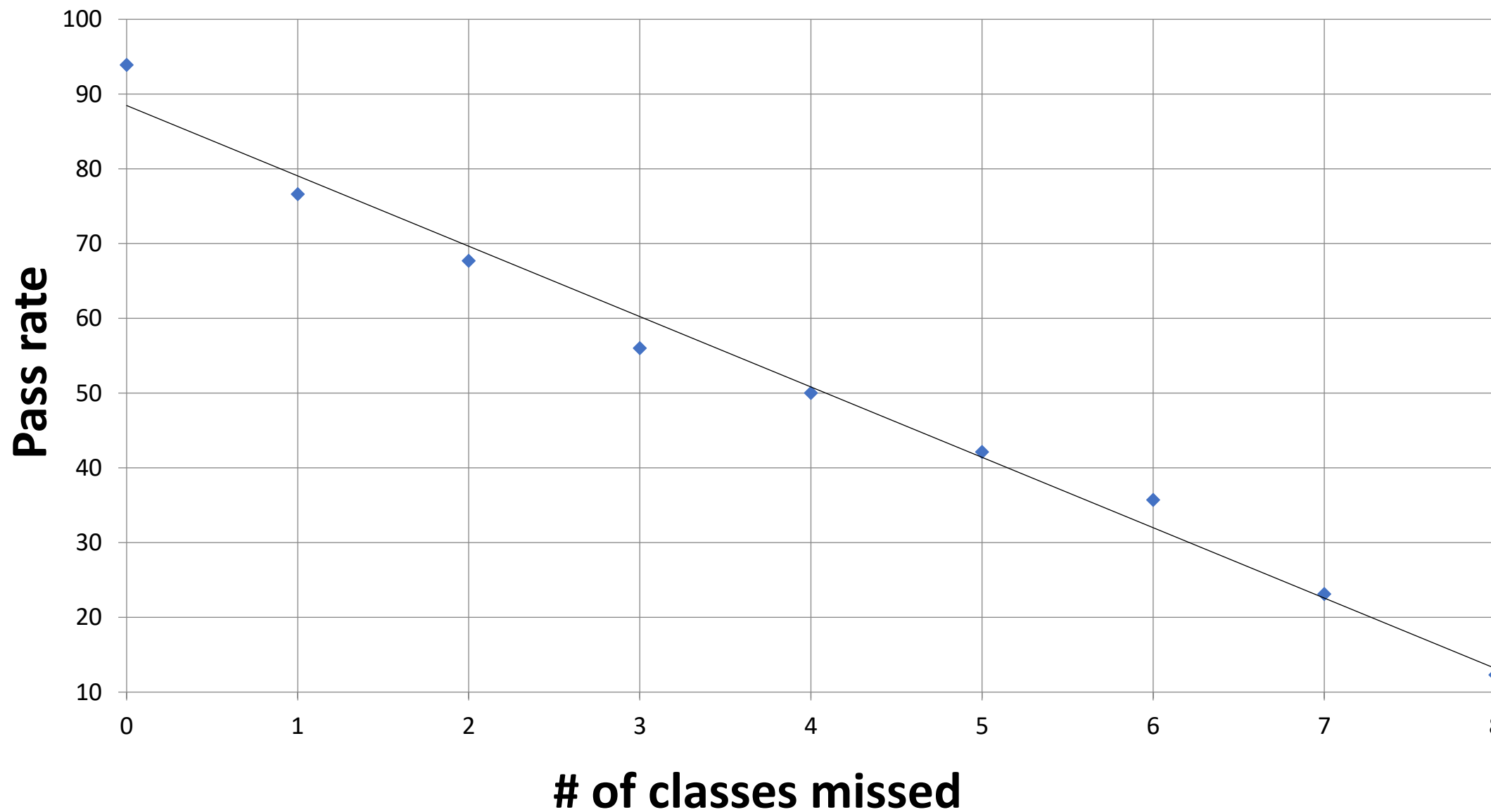
- Work in small groups under the guidance of trained peer mentors
- Work on worksheets that I've written
- Proven, positive impact on student success
- PAL office hours and PAL worksheets are available for all students

Resources and Student Success: Commit to Study (C2S)

- Optional program where you can work with a trained peer mentor on your study skills and time management
- Typically 2 virtual meetings with your peer mentor with homework in between
- Everyone can benefit from C2S.
- Since Spring 2019, in my Chem 4:
 - Students who did C2S – 75% passed Chem 4
 - Students who did not do C2S – only 35% passed Chem 4
- Students who book an appointment by Exam #1 (9/30) and complete the program can drop their lowest exam (#1-3)
- Week 2: You'll get an email invitation to make an appointment.



The importance of attendance



Class Overview (1)

- Chem 4 website: tinyurl.com/SacStateChem4
- Email: jparadis@csus.edu
- Synchronous lecture
 - MWF, 8 – 8:50 am & 10 – 10:50 am
- Open student hours
 - MWF, 9 – 9:30 am & 11 – 11:30 am, and by appointment
 - Starts in a Zoom waiting room
- Zoom links for lecture and student open hours are on website (not in Canvas).
- PDF files of our slides will be posted on our class website by 12 noon.

Class Overview (2)

- In general, you'll have your camera and microphone turned off
- If you want to ask/answer a question, either:
 - Unmute yourself and talk
 - Use the Chat feature
- If I drop Zoom session stay on for 10 minutes.
- Textbook: IncludED course
 - Pearson E-text for Introductory Chemistry by Nivaldo Tro
 - MasteringChemistry (online homework)
 - Learning Catalytics (in-class student response system, "clickers")
 - Access E-text offline using "Pearson eText mobile app".

Grading

| Assignment | Possible points |
|---------------------------------|-----------------|
| Homework (scaled to 50 pts) | 50 pts |
| Clickers (scaled to 50 pts) | 50 pts |
| 3 Midterm Exams (100 pts each) | 300 pts |
| Cumulative Final Exam (200 pts) | 200 pts |
| Total = | 600 pts |

Online Homework: MasteringChemistry

- Already paid for with IncludEd course fee.
- Assigned daily after class. **Ideally**, due at the start of the next class.
- **Consistent and serious effort on homework is one of the most important factors determining your success in Chem 4.**
 - Students who passed had earned 47/50 pts (94%)
 - Students who did not pass had earned 38/50 pts (76%)
- Also, use it to determine what you need to get help with.
- Not busy work: “required” vs. “optional”.
- I’ll give access code and directions when we look at our website.
- Have to allow pop-ups. Recommend Firefox or Chrome.
- Name for your account needs to match my roster.

Classroom Participation: Learning Catalytics

- Already paid for with IncludEd course fee.
- Everyday during class we'll have between 4 – 10 multiple-choice questions that you'll work on and then vote on.
- 2 pts every question
 - Review, reading, progress
- If you are present, but not able to vote (phone dies, Wi-Fi issues, visiting from the other class section), send me a private Zoom Chat.
- Clickers + Homework = same points as 1 exam!
- Same login info as MasteringChemistry.
- We'll practice this week and next week we'll start using them for points.

Exams

- 3 cumulative exams and a cumulative final
- Taken using Canvas
- Open book, open notes + class handouts
- No memorizing: usually you have to memorize about 50 ion names and the metric prefixes
- No other online resources. No posting to Chegg.
- Can drop your lowest exam (1-3) if you complete C2S

CANVAS

- Posting grades
- Taking exams
- Discussion board (not monitored, but please report to me if any issues)
 - Setting up a virtual study group
 - Tips for succeeding in online classes
 - I need a place to vent
- Everything else is on our Chem 4 website:
tinyurl.com/SacStateChem4