

WELCOME TO MATH 212: DISCRETE STRUCTURES

Dr. Mike Janssen

January 14, 2022

Welcome to Math 212: Discrete Structures

2022-01-13

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- Year 8 (!!?) at Dordt
- Alma maters: South Dakota ('07), Nebraska ('09, '13)
- Enjoys: running, board games, fermentation



└ About Dr. Janssen

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Lila (age 5)

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Lila (age 5)



Sam (age 2)



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QUESTION 1

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university education?

QUESTION 2

How does a person learn
something new?

QUESTION 3

What do you reasonably expect
to remember from your courses
in 20 years?

QUESTION 4

What is the value of making mistakes in the learning process?

CLAIMS (VIA DANA ERNST)

- An education must prepare a student to ask and explore questions in contexts that do not yet exist. That is, we need individuals capable of tackling problems they have never encountered and to ask questions no one has yet thought of.
- If we really want students to be independent, inquisitive, and persistent, then we need to provide them with the means to acquire these skills.

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ABOUT THIS COURSE

COURSE LITURGIES

- Pre-class DAILY WORK
- In-class presentations by PRESENTERS and SUPPORTERS
- DISCUSSION LEADERS and SCRIBES ask questions and write up daily work in a shared document.

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A NOTE ON THE DAILY WORK

- No outside resources (books, internet) allowed
- OK to ask me questions
- Collaboration encouraged, but cite your collaborators
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STUDENT HOURS

- Open Door Policy
- Appointments preferred:
<https://calendly.com/mkjanssen/student-hours> (link on Canvas, QR code outside my door)
- Masks required in student hours through the end of the month; reevaluate in February

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DAILY WORK ASSIGNMENT 1

Head to

notes.mkjanssen.org/ds

And work on Activities/Problems

- 1.1.2
- 1.1.3
- 1.2.4
- 1.2.11
- 1.2.12.