

# WELCOME TO MATH 212: DISCRETE STRUCTURES

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Dr. Mike Janssen  
January 14, 2022

## ABOUT DR. JANSSEN

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



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2022-01-14

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Sam (age 2)

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## QUESTION 1

What are the goals of a  
university education?

## QUESTION 2

How does a person learn something new?

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## 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)

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## ABOUT THIS COURSE

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## 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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- Written work graded on an *EMRN* rubric; first one due Jan. 26
- Exams (2)

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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
- Presentation grade based on *your understanding* and explanations

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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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## ADVERTISEMENT

- Get paid to do summer research in mathematics at Dordt!
- Tentative dates: June 6-July 29
- Success in this class would prepare you well
- Applications due at the end of the month
- Ask me if you have any questions

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### └ Advertisement

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# DAILY WORK ASSIGNMENT 1

Head to

[notes.mkjanssen.org/ds](http://notes.mkjanssen.org/ds)

And work on Activities/Problems

- 1.1.2
- 1.1.3
- 1.2.4
- 1.2.11
- 1.2.12.