

Teaching CS70...

What do you think?

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Goals:

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Think rigorously and creatively.

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- Think rigorously and creatively.

- Concepts in discrete math: proofs, stable marriage, number theory, coding, graphs, counting.

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What do you think?

Goals:

- Think rigorously and creatively.

- Concepts in discrete math: proofs, stable marriage, number theory, coding, graphs, counting.

- Teach them probability: conditional probability, and concentration.

- Intuition from discrete and eventually continuous models and experience.

Staff focus.

Everyone: Goals.

Staff focus.

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For TAs: the student.

Staff focus.

Everyone: Goals.

For TAs: the student.

Teach, explain, encourage, and point of connection to course.

Staff focus.

Everyone: Goals.

For TAs: the student.

Teach, explain, encourage, and point of connection to course.

Staff attitudes.

Belief in the mission.

Staff attitudes.

Belief in the mission.

e.g. Learn to think, reason, and some useful stuff.

Staff attitudes.

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Potential to be life-changing.

Staff attitudes.

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Here to help.

Staff attitudes.

Belief in the mission.

e.g. Learn to think, reason, and some useful stuff.

Potential to be life-changing.

Here to help.

“What would Dave Wagner do?”

Learning to teach.

What advice do you give?

Learning to teach.

What advice do you give? What do you do with students?

Learning to teach.

What advice do you give? What do you do with students?

How do I learn?

Learning to teach.

What advice do you give? What do you do with students?

How do I learn?

How do I see others learn?

Learning to teach.

What advice do you give? What do you do with students?

How do I learn?

How do I see others learn? or not?

Learning to teach.

What advice do you give? What do you do with students?

How do I learn?

How do I see others learn? or not?

What seems to work when we teach?

Learning to teach.

What advice do you give? What do you do with students?

How do I learn?

How do I see others learn? or not?

What seems to work when we teach?

Rigorously measure?

Questions.

Questions.

Do prereq's help?

Questions.

Do prereq's help? Which ones?

Questions.

Do prereq's help? Which ones?

How do you measure?

Questions.

Do prereq's help? Which ones?

How do you measure?

Does homework help?

Questions.

Do prereq's help? Which ones?

How do you measure?

Does homework help? Is the time worth it.

Questions.

Do prereq's help? Which ones?

How do you measure?

Does homework help? Is the time worth it.

[See here.](#)