Challenging Your Students
To Do Their Best

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Outline

- Introduction
- Challenging yourself
- Expectations of your students
- Some techniques that work for me
- Discussion

Introduction/Assumptions

- No one knows all the answers (certainly not me!)
- You never stop learning (unless you want to)
- Teaching and learning are individual skills – what works for you is probably not the same as what works for your colleague down the hall
- Nothing works with all your students – you will fail to connect with some of them
- No matter what the level of sophistication of the entering students, we all want them to leave changed, with broader and deeper knowledge and experience

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Challenging yourself

- Being a college professor can be hard work
- Be clear about what you want and seek a balance
- To challenge your students, you need to challenge yourself
- Since you can't do everything, consciously choose what to do
- Find somebody to talk to

Expectations of your students

My most important message:

> (Most of) **Your students will live up to your expectations – so set them high!**

Expectations of your students

- What are your expectations of your students?
- High but not out of reach
- Communicate your expectations on day 1 and throughout the term
- Why are your students in your class?
- My students didn't learn $< \quad >$ in the previous class
- Don't let them off the hook!
- Tell the students what they've accomplished – and how they are poised to accomplish more
- Reputation exists and matters

Some techniques

- Seat time
- Complex numbers
- Homework
- Technology and comfort
- Reading