

TEAK/TA Teaching Workshop



Session 1: Introduction and Classroom Management

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Session Activities...

- Introduction to TEAK and this teaching workshop, basic classroom management
- Objectives:
 - Be aware of the objectives of TEAK and this workshop
 - Know your audience
 - Learn some techniques for setting the stage in your classroom

What is The TEAK Project?

- Provide opportunities for KGCOE students to enhance their understanding of engineering by teaching others
- Provide opportunities for KGCOE students to improve their communication skills and confidence
- Create a series of portable kits and web-based activities to introduce middle school students to engineering.

Why this workshop?

- Provide participants basic teaching skills
 - Apply in middle school classrooms (TEAK)
 - Apply in RIT classes/labs (TA)
 - Apply in outreach events
 - Apply in your career
- Practice teaching exercise(s) and get feedback from an audience of your peers
 - Get a video of yourself to take home

Workshop Outline

- Session 1: Intro and classroom management
- Session 2: Keeping students engaged
- Session 3: Managing hands-on activities
- Session 4: Assessment
- Session 5: Microteaching
- Post workshop activities

Introductions...

- Take 2-3 minutes to write down:
 - Write down your name
 - A topic you'd like to cover during your microteaching exercise
 - A list of things you know about teaching and a list of things you'd like to learn about teaching
- Meet the class...
 - Name, year, why are you here, etc.
 - Microteaching topic

Know Your Audience

- How many of you have read...
- Your lecture or lab isn't a battle...
- The student isn't the enemy...
- You're not REALLY in peril...

- But Sun Tzu knew what he was talking about!

Who is your audience?

- Take 30 seconds to write down your potential audience(s).
- Based on the title of your chosen topic/field, are there any words in there that your audience won't recognize? How about...
- ...a middle-school student?
- ...a high school student?
- ...a 1st or 2nd year RIT student?

How much time do you have?

- Not time in class...time when you've got your group's attention!
- Varies by age and interest in the subject.
- Not too long for any group!
- Discuss in next session...

Activity: Applying Techniques to Your Lessons

Directions:

- Come up with a list of words you shouldn't assume your audience already knows. (2 min)
- Get input from a neighbor once you've done your own assessment.
- Share with group.

Setting the Stage

- Planning the event
- Room setup
- Warm-up Activity
- Introduce Yourself

Setting the Stage

- Setting the classroom environment
 - Attitude
 - Presence
 - Voice
 - Tone
- Setting expectations/classroom behavior
 - Parking Lot
 - Traffic Light

Warm-ups

- How did we start this morning?
- What did it achieve? (hopefully...)
- Why bother?
- Some ideas...

For more ideas:

<http://www.residentassistant.com/games/icebreakers>

Activity: Applying Techniques to Your Lessons

Directions:

- List some expectations you have for your class and ideas for conveying them?
- How can you get your class warmed up and ready to learn?



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