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Week Six Introduction

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Week 6: Introduction

Today's Big Idea: Teach and test so that all students can show their true understanding of course content.

Quick Overview: In addition to exchanging ideas or activities on how to overcome misconceptions and learning bottlenecks, there is a readiness assessment test or RAT, and we will learn about multiple choice tests. We will also revisit lesson planning briefly and critique a quiz.

Below you will find the SLOs, PowerPoints and handouts for Week 6. If you have questions about creating effective tests or helping students become self-directed learners, please let me know.

Week 6: Learning Outcomes

At the completion of this learning module, you will be able to:

- Demonstrate your ability to address disciplinary misconceptions and learning bottlenecks.
- Explain what instructors can do to help students become self-directed learners.
- Analyze test items and complete a table of specifications.
- Identify flawed multiple choice test items.

Week 6: Task List, PowerPoints & Handouts

Complete the following before you come to class:

1. **Bring an activity—[discrepant teaching event](http://digitalcommons.georgiasouthern.edu/cgi/viewcontent.cgi?article=1049&context=teaching-academy)—or ideas** to address ONE misconception or learning bottleneck in your discipline or target course
2. **Read Chapter 7,**
<http://digitalcommons.georgiasouthern.edu/cgi/viewcontent.cgi?article=1049&context=teaching-academy>, "Students as Self-Directed Learners"

Reminder: A lesson plan that addresses ONE disciplinary misconception or bottleneck is due NEXT WEEK. If you need additional information on lesson planning, or to see an example, look for the Lesson Planning,

<http://digitalcommons.georgiasouthern.edu/cgi/viewcontent.cgi?article=1050&context=teaching-academy>, module in this "course."

PowerPoints and Handouts

- PPTs for Week 6 - Effective Tests,
<http://digitalcommons.georgiasouthern.edu/cgi/viewcontent.cgi?article=1046&context=teaching-academy>
- Checklist for Reviewing Multiple Choice Items,
<http://digitalcommons.georgiasouthern.edu/cgi/viewcontent.cgi?article=1048&context=teaching-academy>
- To take the Chapter 7 RAT Quiz, contact me.
- Ch 7 Quiz Analysis Activity,
<http://digitalcommons.georgiasouthern.edu/cgi/viewcontent.cgi?article=1047&context=teaching-academy>

Extension. Additional readings, resources, and websites for you to explore and use.

- Classroom Assessment Techniques

<https://youtu.be/g4ogt0yI8xA>

Topics covered in this video (9:49) from UC Irvine include: The Four Dimensions of Learning, Summative Assessments, and Formative Assessments

- Ten Tips for Writing True/False Questions

<https://vimeo.com/17570779>

Short video (4:43) from Central Michigan on how to write true and false test questions

- Ten Guidelines for Writing & Grading Essay Tests

<https://vimeo.com/17570702>

Another short video (4:40) from Central Michigan with tips on writing and grading essay tests

- [Getting More "Teaching" out of "Testing" and "Grading"](#) - Newsletter from Stanford University on assessment and feedback.
- [How to Write Better Tests: A Handbook for Improving Test Construction](#)