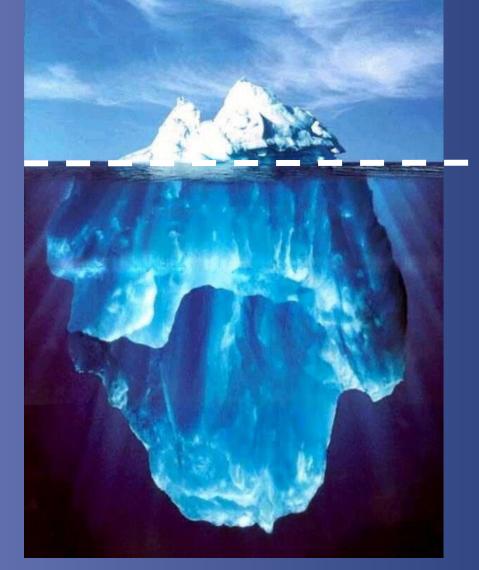
What Teaching Entails

John C. Martin, PhD

Assistant Professor of Astronomy-Physics Director, UIS Astronomical Observatory

June 9, 2011

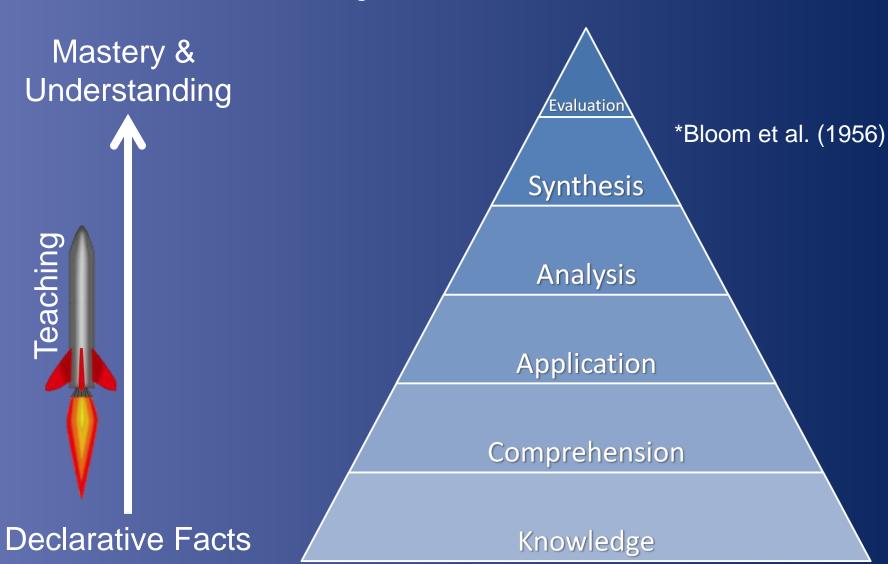
Unseen Effort



Teaching

Training
Planning
Preparation
Grading
Assessment
Student Interaction
Mentoring
Advising

Objectives



Classroom Delivery

Peer Instruction Lecture **Tutorial Ranking Tasks** Think-Pair-Share **Case Studies** Role Playing

Just-In-Time Teaching The Muddiest Point Discussion Panel of Experts Brainstorming

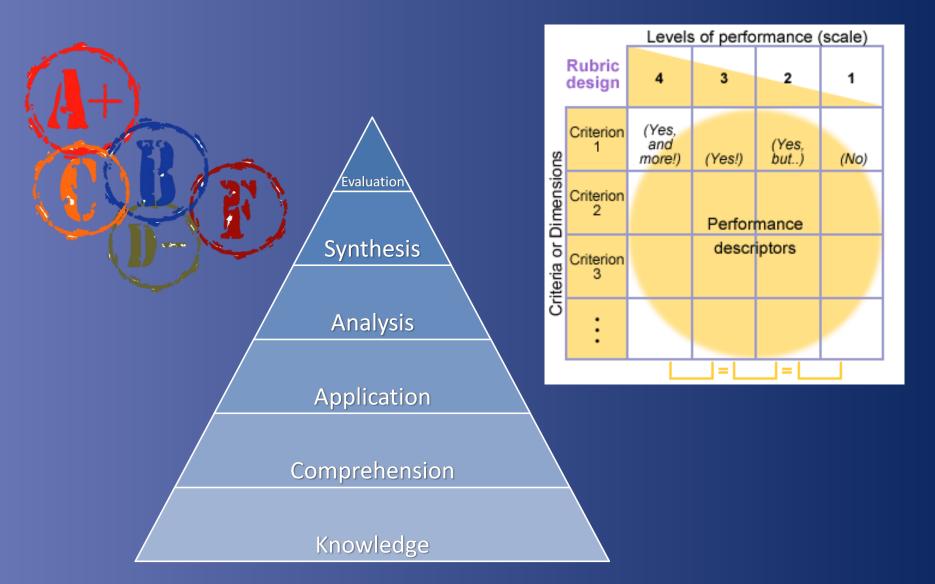
Engaging Students

Which cogitative level(s) should a question like this be designed to address?

- a) Declarative knowledge
- b) Reading comprehension
- c) Application or analysis
- d) None of the above.



Grading & Assessment



Student Interaction







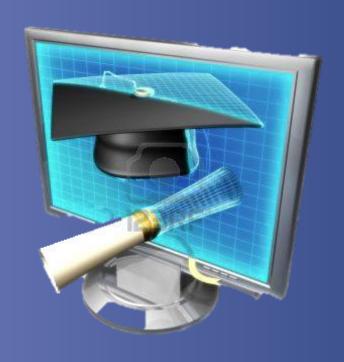






Online Teaching

The effort to teach effectively online is all that and more!





Mentoring & Advising









Assessing Ourselves

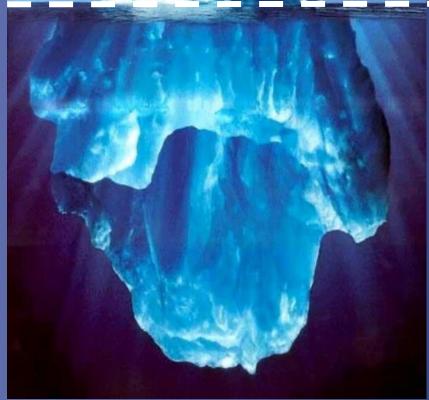
- Performance Review
 - Student evaluations
- Internal
 - Self-Assessment
 - Degree Program Reviews
 - General Education Oversight
- External
 - Accreditation



Supporting Our Enterprise



Teaching



Training
Planning
Preparation
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Student Interaction
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Advising