What is inside a MOOC: Assessment
Assessment

- Integral part of learning
- Not just to test what the student knows, but to tell the student what is important
- Proficiency Certification requires testing
- Connected to Identity management
The issue is:

- How do we correct thousand of submissions?
- Human grading won’t scale.
Automated Grading

- Multiple choice question
- True/False Question
- Timed or not-timed
- Allow repeated attempts
- Give hints
- Does not work for essays and designs
Peer and Self Assessment

- Get the students to grade other students and themselves!
How does Peer assessment work?

- Students are given a guideline on how to grade, called a ‘Rubric’
- Each student grades 4-5 other submissions and also her own assignment
- The final grade will be a function of these grades
What is a Rubric?

- A scoring tool
- Explicitly shows the expectations for the assignment
- Divide the work into parts and describe the characteristics associated with each part, at varying levels of mastery (not OK, OK, Good…)

http://www.cmu.edu/teaching/design/teach/rubrics.html
Does peer grading work?

- Problems
  - Students and experts have different understanding
  - Schedules may not match
- But
  - Increases student involvement
  - Subsequent performance improves
What is the experience?

- Peer grades do correlate with Staff assigned grades
- Students tend to give themselves a few more marks than the staff
- Good students get lower grades
- Weak students self grades are higher
- Cultural issues!

How to improve peer grading?

• Pay attention to Rubrics
• How reliable is the grader: Student own grade with grading ability
• Tune the grades
Identity—Assessment- Certification
Thank You