

In-Class Notes: Assessments in Online Mathematics Courses in Post-Secondary Education

Date: July 10, 2024

Course: Online Mathematics Pedagogy

Topic: Assessments in Online Mathematics Courses in Post-Secondary Edu

Instructor: Dr. Smith

Intro

- Imp of assessments in edu
- Challenges in online math assessments

Types of Assessments

1. FAs

- Purpose: ongoing FB
- Eg: quizzes, discussion boards (DB), prob-solving sessions

2. SAs

- Purpose: eval student learning at end
- Eg: final exams, projects

Challenges in Online Math Assessments

1. Academic Integrity

- I: cheating, collab
- S: proctoring software, honor codes

2. Tech Difficulties

- I: connectivity, software compatibility
- S: tech support, practice tests

3. Student Engagement

- I: motiv, partici
- S: interactive content, frequent FB

Best Practices

1. *Clear Instruction*

- Imp of detailed gl
- Use of rubrics for transp

2. *Variety of Assessment Methods*

- Benefits: catering to diff learning styles
- Incorporating both FA and SA

3. *Freq FB*

- Imp for student improvement
- Use of automated and personalized FB

Reflection:

- Check unfamiliar terms: proctoring, rubric
- Review challenges and solutions section for deeper understanding

Abbreviations

Intro = introduction

Imp = importance

Edu = education

Eg = example

I = issues

S = solutions

FA = Formative Assessment

FB = Feedback

SA = Summative Assessment

Eval = evaluation

Collab = collaboration

Motiv = motivation

Partici = participation

Gl = guideline

Transp = transparency

Diff = different

Freq = frequent