Supporting IBL with alternative grading

David Clark and Robert Talbert
Grand Valley State University

Slides: Supporting IBL with alternative grading

Grading for Growth blog: http://gradingforgrowth.com
Grading for Growth book: Available at Routledge and on Amazon. At Routledge, use the code AEVV23 for a 20% discount.

Connect:
- The Grading Conference: June 13 - 15, 2024, online (STEM focus).
- Ungrading Conference: January 26, 2024, online (languages, literatures, cultures focus).
- Slack alternative grading community (use this link to join): Message board for anyone interested in alternative grading, from K-12 to college and in any discipline.
- Ungrading Discord (link invites you to join): Message board focused on ungrading.
- Twitter, Mastodon, BlueSky: #GradingForGrowth, #ungrading, #AlternativeGrading

Research

Class materials
- Talbert: Course materials for MTH 225: Discrete Structures for CS 1 (Fall 2023)
  - GitHub repository
  - Syllabus
  - Standards for Student Work
  - Examples of Checkpoints: Checkpoint 3, Checkpoint 4, Checkpoint 5
  - Example of an AEP
● **The EMRN rubric**

Rachel Weir's alternatively graded math syllabus repository

Clark: **Euclidean Geometry (ungrading)**
  ○ Blog posts about this class: [Part 1], [Part 2]

Clark: **Communicating in Math (hybrid of standards & specifications)**

Talbert: **Syllabus for Calculus Fall 2013**, before converting to specifications grading

Talbert: Calculus, Fall 2021 (with specifications grading)
  ○ GitHub repository for Calculus
  ○ Syllabus for Calculus
  ○ Detailed specifications for student work on learning target checkpoints
  ○ Folder of checkpoints
  ○ Folder of Application/Extension Problems (AEPs)
  ○ Talbert’s article at Inside Higher Ed on my experiences

Talbert: **Modern Algebra (ungrading)**
  ○ Public copy of MTH 350 Winter 2022 Syllabus
  ○ Modern Algebra portfolio template
  ○ Blog posts about this experience:
    ■ [https://rtalbert.org/into-the-ungrading-verse/](https://rtalbert.org/into-the-ungrading-verse/)
    ■ [https://rtalbert.org/ungrading-after-11-weeks/](https://rtalbert.org/ungrading-after-11-weeks/)
  ○ Discrete Structures for Computer Science 1 (specs grading)
    ■ [Fall 2021, Spring 2022 (online class), Fall 2023](#)

Talbert: **Discrete Structures for Computer Science 2** (specs grading)

Talbert: **Linear Algebra and Differential Equations** (specs grading)

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**To learn more:**

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- **Specifications grading**
  ○ [What is specifications grading and why should you consider using it?](#)
  ○ [Yes, Virginia, there's a better way to grade](#)
  ○ Book: **Specifications Grading: Restoring Rigor, Motivating Students, and Saving Faculty Time**

- **Ungrading**
  ○ Book: **Ungrading: Why Rating Students Undermines Learning (and What to Do Instead)**
  ○ [Ungrading: An FAQ](#)
  ○ [What is ungrading?](#)

- **Standards Based Grading**
  ○ [Standards-Based Grading: Definition, Benefits & Comparison With Traditional Grading](#)
  ○ [Getting started with standards based grading](#)

- **In general**
  ○ Book: **Grading for Equity: What It Is, Why It Matters, and How It Can Transform Schools and Classrooms**
  ○ [Bloom’s Taxonomy image](#) at Vanderbilt University
  ○ [Wired magazine article on feedback loops](#)