CSCI 239 — Discrete Computational Structures

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logistics

instructor

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textbook

Discrete Mathematics, Irani et al., zyBook

website

`https://csbsju.instructure.com/courses/12826`

broad objectives

learn how to express ourselves precisely (read: unambiguously) using the language of logic

learn the techniques necessary to establish logical certainty

learn the fundamental discrete structures useful in computer science for reasoning about proposed solutions to computational problems

activity

individually:

- complete the following sentences:
  1. This semester I hope to...
  2. My best advice for a first-year student to succeed academically is...

in groups of three:

- introduce yourselves to each other
- discuss your responses to the sentences above
- figure out what I prefer to be called

mastery-based grading

simple idea

traditional-grading decompose assignments, quizzes, etc. into points — mastery of learning objectives is demonstrated by accumulating a certain number of points.

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mastery-based grading decompose assignments, quizzes, etc. into their representative learning objectives — mastery of learning objectives is demonstrated by mastering learning objectives.

profound consequences

focused is shifted from *how*/*when* you learn to *what* you learn.

our grading system

our learning objectives

our grading specifications

our schedule

questions?

activity

download this slide deck and follow the instructions on the next slide

next slide

find out what the reading is for Thursday