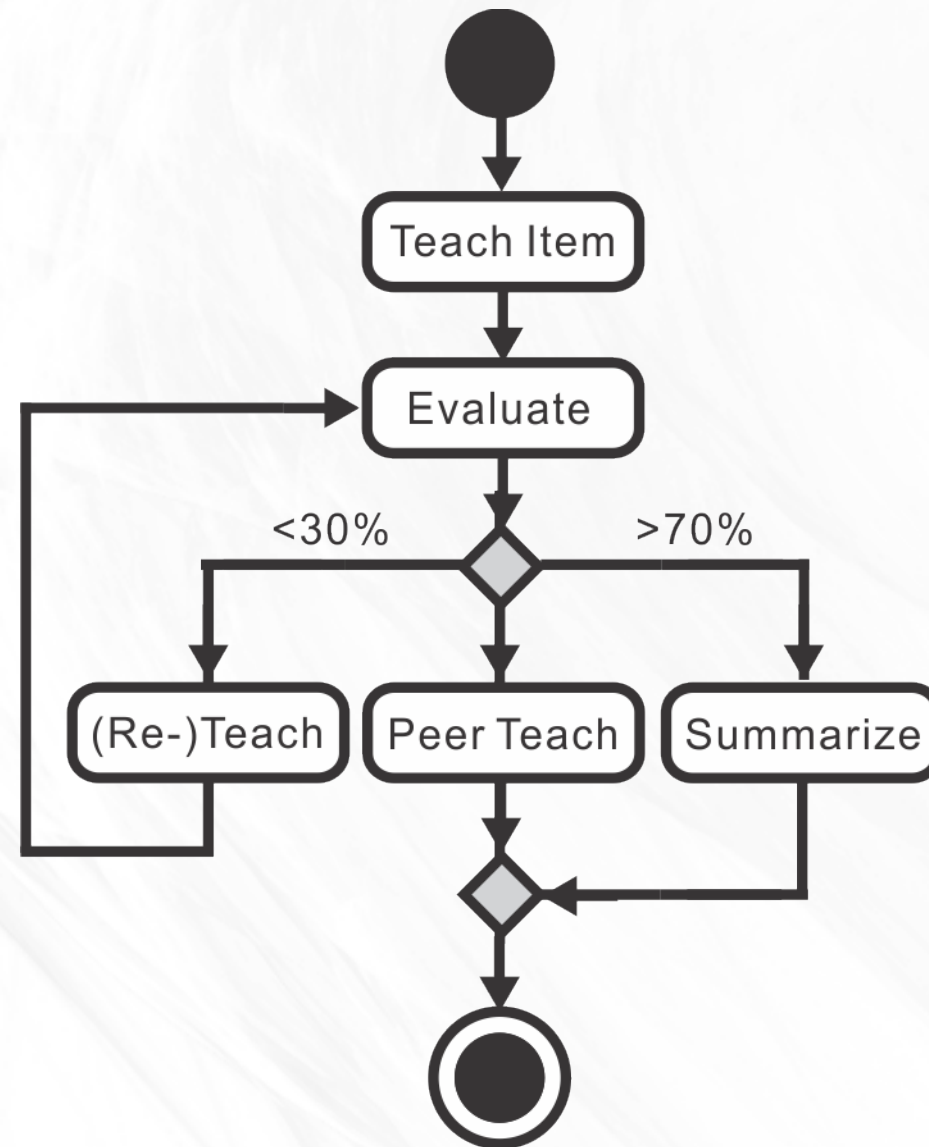


104: Teaching Physics at YZU

1. Lecture Format → Active Classroom
2. Pre and Post Testing → Heads up 4 T & S
3. My mistake → Please don't copy...

1. Lecture Format → Active Classroom



2. Pre and Post Testing → Heads up 4 T & S

Pretest	Posttest
40	60
46	66
26	49
29	53
24	46
24	56
13	43
7	68

PRE...

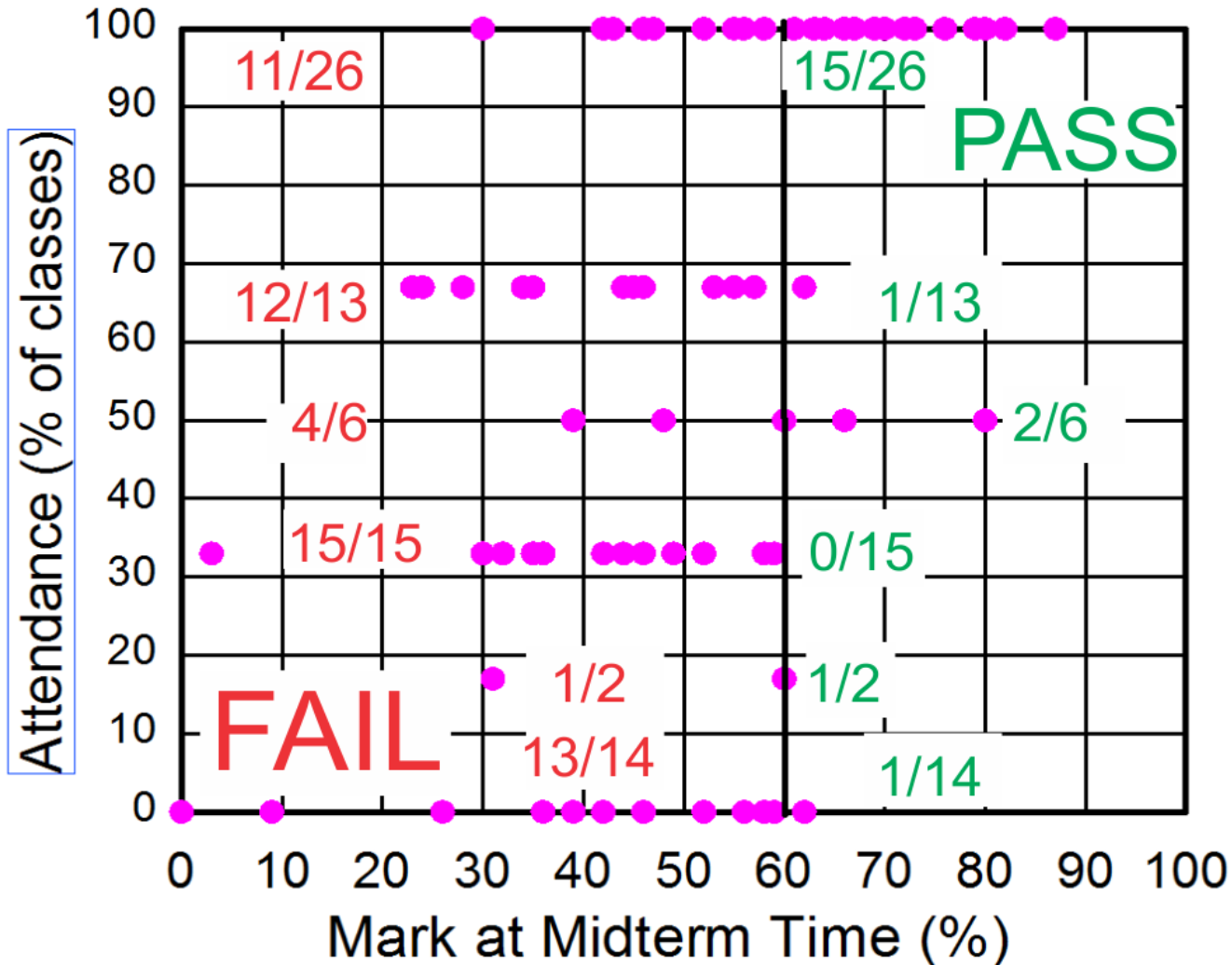
- T: what need to teach
 - S: what need to learn
- TOGETHER...
- TS: effectiveness

Evaluation: Student's Choice

- ♦ Idea: Students can choose: (a) exam + coursework or (b) 100% exam
- ♦ Motivation: I hated to be forced to attend classes teaching what I already knew: a total waste of my time. Allow good students to concentrate on courses they were weaker at or to have extra time to do other things.
- ♦ Expect: Smaller class with poor students attending and the top students staying in bed.
- ♦ But, at YZU...

Evaluation: Student's Choice

The opposite happened... Physics Midterm Grade



104: Teaching Physics at YZU

1. Lecture Format → 15' chunks w/assessment
2. Pre and Post Test → Heads up 4 T & S
3. Don't let students “Test Out of Class”

THINGS TO TRY

Reflective Writing: “what I don't understand.”