

REASONS TO USE REALIZEIT

1 Students don't have adequate and/or equal amounts of required prerequisite knowledge.

Realizeit can...

- detect what students know and where they should begin learning through the system's "Determine Knowledge" feature.
- recommend content based on student performance through major and minor reviews: "Major reviews" provide students a comprehensive review of prerequisite learning content, and "minor reviews" provide students a summary review of prerequisite learning content.

2 Knowledge gaps/deficits hinder students from progressing through the course effectively and on-pace.

Realizeit allows instructors to...

- create 'conditional content' based on learning progress, mastery, or other learner characteristics.
- create 'alternative content' that is aligned with certain student profiles (e.g., nursing students get nursing-specific examples, business students get examples specific to business, etc.).
- create algorithmic problem sets to ensure students get sufficient opportunity to develop mastery on a topic before proceeding to subsequent lessons.
- view student progress and performance in real-time. Instructors can then use targeted interventions to provide timely guidance to students.

3 Realizeit recommends unique learning pathways (that continuously adjust) to guide students through content as quickly as possible and with the highest level of mastery (i.e., performance).

Learning pathways are primarily based on...

- prior knowledge,
- current performance, and
- the availability of alternative pathways.

4 Faculty want students to have increased agency—the ability to move through materials that may be of heightened value/interest to them.

Realizeit allows students to...

- choose from a list of system recommendations, not only one.
- bypass the system recommendations by going directly to the "Learning Map" and learning, revising, or practicing lessons.