Use of the RealizeIT Adaptive Learning Platform for Prep-Work in a Large, Face-to-Face, Flipped Class

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Students (n = 123 in Fall 2018) used RealizeIT platform for prep-work in a CS course, entering from Canvas:

1. As they worked through the week’s material, their learning map showed their mastery level:

   3. Course developer view allowed editing of course content:

   5. Course developer view allowed editing of course content:

Once in RealizeIT, they completed a ‘determine knowledge’ quiz and then were directed to one of the learning modules in their learning map:

2. As they worked through the week’s material, their learning map showed their mastery level:

   4. Instructor view showed student performance:

Results:

I like being part of a team and sitting with my team each week.

Strongly Disagree 6%

Disagree 4%

Neutral 12%

Agree 36%

Strongly Agree 46%

I made this many new friends in this class:

Strongly Disagree 6%

Disagree 4%

Neutral 12%

Agree 36%

Strongly Agree 46%

The quiz questions in RealizeIT provide needed incentive to do the reading & watch the videos.

Strongly Disagree 9%

Disagree 14%

Neutral 16%

Agree 11%

Strongly Agree 32%

The composite mastery score in RealizeIT incentivizes me to work hard on the prep-work. *

Strongly Disagree 4%

Disagree 11%

Neutral 39%

Agree 35%

Strongly Agree 11%

* Data collection issue - scale was reversed for this question

DFW Rate for Dr. Celine’s Data Structures Sections

Histogram of Categorized Feedback on RealizeIT (n=114) Response Rate: 93%