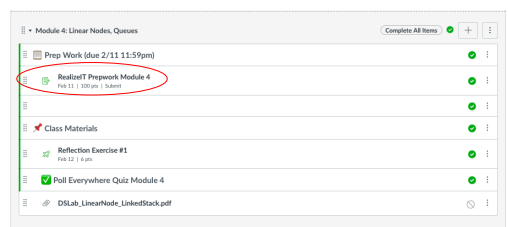


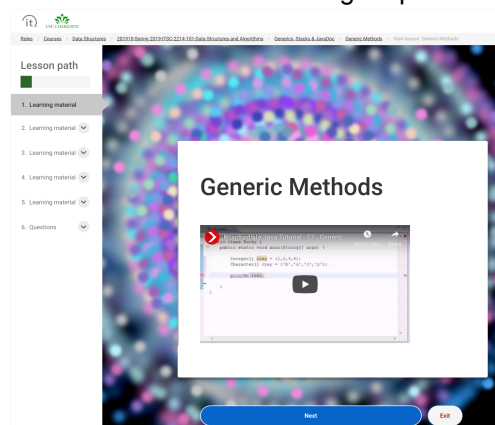
# Use of the RealizeIT Adaptive Learning Platform for Prep-Work in a Large, Face-to-Face, Flipped Class

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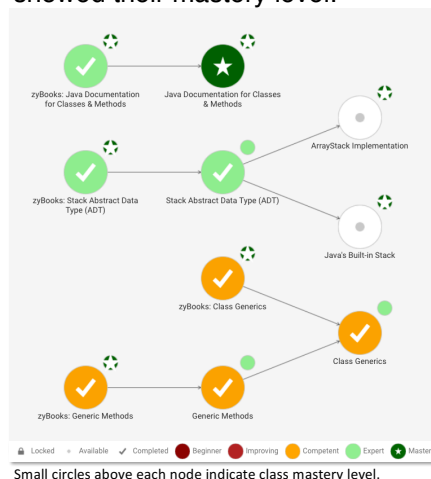
- Students (n = 123 in Fall 2018) used RealizeIT platform for prep-work in a CS course, entering from Canvas:



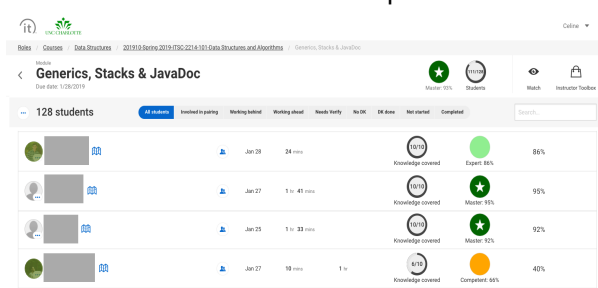
- Once in RealizeIT, they completed a 'determine knowledge' quiz and then were directed to one of the learning modules in their learning map:



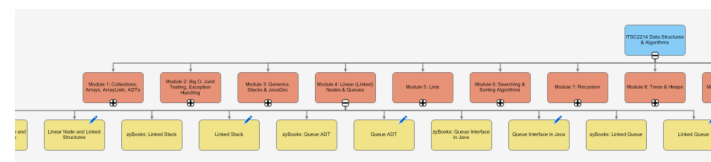
- As they worked through the week's material, their learning map showed their mastery level:



- Instructor view showed student performance:



- Course developer view allowed editing of course content:

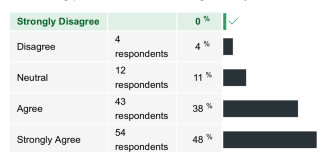


And drag-and-drop editing of knowledge prerequisite map:

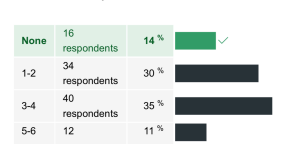


## Results

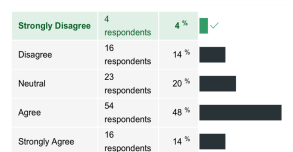
I like being part of a team and sitting with my team each week.



I made this many new friends in this class.



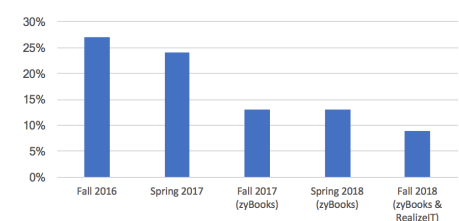
The quiz questions in RealizeIT provide needed incentive to do the reading & watch the videos



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

