Priorities for Spring and Fall 2020

The process we utilize for Realizeit is first gathering a team of instructional and technical personnel from Realizeit that will be assisting in the development of all course content. This begins with the:

1. Discussion of a course map (itemizing all learning objectives and topics per module) - An Excel spreadsheet provided by the project leader from Realizeit
2. Working with the instructional member from CTL in developing your course map
3. Once the course map is finalized, identifying all content (OER and/or Textbook) that will be ingested into Realizeit - per Module/Node
4. Developing prerequisite course content for determining what pre-knowledge students have
5. Identifying all assessment questions (variablized test questions) per Module
6. Creating media content as needed in support of the OER or Textbook content (e.g. videos)
7. Building out content in zyBooks, CodeWorkOut,etc.
8. Actual course creation ingestion into Realizeit
9. Creation of variablized test questions into Realizeit per Module/Node
10. Testing each Module/Node in Realizeit for accuracy
11. Testing the integration of all platforms for accuracy (e.g. Canvas to Realizeit to zyBooks) for grade passback
12. Development of other course content into Canvas (e.g. project-related assessment)

As this will be a blended course (face-to-face plus online course components) we want to ensure that the classroom activities will be in congruence with the Realizeit activities.

SPRING 2020

Develop Course Mapping and Objectives/Outcomes Alignment
Identify content (OER and/or textbook)
Identify all assessment content (variablized practice and testing content)
Identify all platforms (Canvas, zyBooks, CodeWorkOut, Piazza, etc)
Blended course needs (Online, Classroom, Homework) - Outcomes alignment
Start development of content for all Nodes in Realizeit
Build zyBooks, CodeWorkOut, MatLab content
Creation of Canvas development course shell (build preliminary course structure)
Track revisions (note taking while teaching) - Review at the end of spring 2020
Schedule regular weekly meeting with RealizeIt/CTL/Faculty
Regular Bi-weekly meetings between Faculty-IDs - Feedback

Fall 2020

Continue development of content in the Nodes -
Testing all content and platform integrations -
Revisions to changes in content -
RealizeIt testing / Canvas testing -
Faculty training for Realizeit

Completion of Canvas development course content

Weekly Meetings faculty and instructional designers - Proposed Development Timeline Summer and Fall 2020

February 2020
- xx Develop course mapping and alignment content
- Xx Training for faculty on what is the Realizeit adaptive learning platform
- xx Topic structure for the 13 Modules (how many Nodes per module?)
- xx Pre-knowledge content needed for ITSC-1213
- xx Identify OER and/or Textbook (to ingest into Realizeit)
- xx Any project assessments?
- xx Identify assessment questions for Realizeit (adaptive platform)

March 2020
- xx Review all Node content including videos
- xx Pre-knowledge content creation? (Node 0)
- xx M7 Development
- xx M7 Finalize and Review
- xx M7 Testing - (checkpoints)

April 2020
- xx Content creation (including videos)
- xx M8 Development
- xx M8 Finalize and Review
- xx M9 Development
- xx M7-8 Integration and Testing - (checkpoints)

May 2020
- xx M9 Development
- xx M9 Finalize and Review
- xx M10 Development
- xx M10 Finalize and Review
- xx M9-10 Integration and Testing - (checkpoints)

September 2020
- xx M11 Development
- xx M11 Finalize and Review
- xx M12 Development
- xx M12 Finalize and Review - (checkpoints)
- xx M11-12 Integration and Testing

October 2020
- xx M13 Development
- xx M13 Finalize and Review
- xx M13 Integration and Testing
- xx Start other media content development
- Xx Classroom activity mapping with online activities
- xx Finalize and Review - (checkpoints)

November 2020
- xx Integration and Testing all Nodes

	xx	Q&A all Nodes
	xx	Finalize and Review
	xx	All integrations completed - (checkpoints)

December 2020

	xx	Class intro materials (text and video)
	xx	Transfer of all platform content into production servers
	xx	Final testing of all platforms and integration* - (checkpoints)

January 2021

	xx	Course delivery

*Note: Classroom, Homework, projects, and all platforms tested and finalized

ITSC-1213 Adaptive Course Development

Module	Content/ Questions (Faculty)	Adaptive Devt (RealizeIt)	QA (Faculty/ CTL)	Adaptive Devt Revisions (RealizeIt)	Canvas Integration	zyBooks
Topic 0 (Pre-Knowledge) **						
Topic 1						
Topic 2						
Topic 3						
Topic 4						
Topic 5						
Topic 6						
Topic 7						
Topic 8						
Topic 9						
Topic 10						
Topic 11	--	--	--	--	--	--
Topic 12	--	--	--	--	--	--
Topic 13	--	--	--	--	--	--