

Self-Mapped Learning Pathways: Researching Tools That Enable Individualized Heutagogical Competency-Based Learning

Matt Crosslin, Ph.D.
matt@uta.edu | @grandeped

Justin T. Dellinger
jdelling@uta.edu | @JTDellinger

#OLCInnovate #SelfMappedPathways
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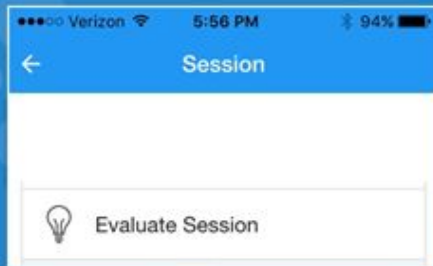


LEARNING INNOVATION & NETWORKED KNOWLEDGE



Session Evaluations Contest

- Download and open OLC Conferences mobile app
- Navigate to specific session to evaluate
- Click “Evaluate Session” at the bottom of session details screen
- Complete session evaluation*



*Each session evaluation completed (limited to one per session) = one contest entry
Five (5) \$25 gift cards will be awarded to five (5) individuals
Must submit evals using the OLC Conferences mobile app or website

Dual Layer / Customizable Modality Course Design

- * Two layers/modalities: instructivist and connectivist
- * Each modality is equally valid
- * Learners choose which modality at any point
- * They can move fluidly between both of them

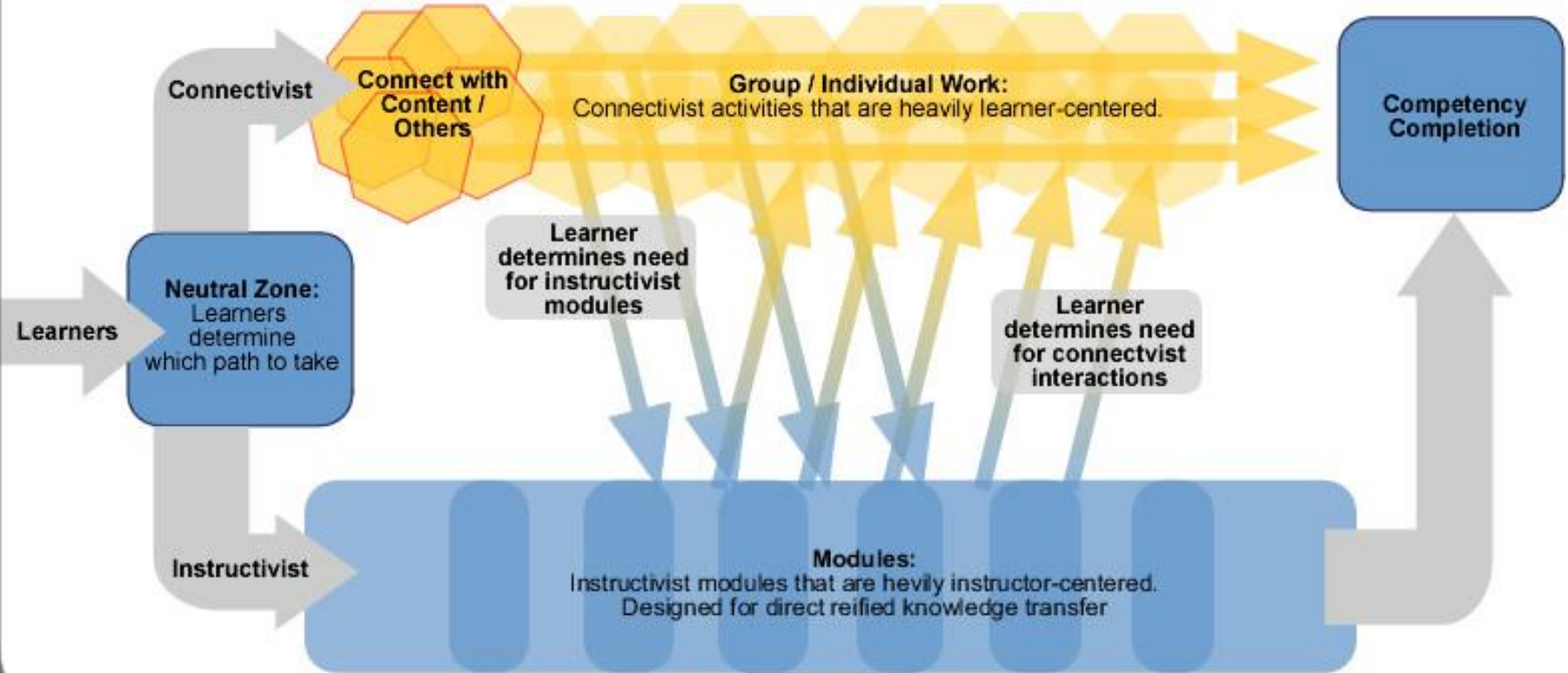


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Theoretical Flow of Learners Through a Customizable Modality Course

CUSTOMIZABLE MODALITY PATHWAYS



Course Design

- * Courses in Blackboard and ProSolo
 - * One section only taught in Blackboard
 - * Other has self-mapped pathways in both
- * Overlapping checkpoints across both course types
- * Self-mapped pathways course:
 - * Goal setting, pathway selection, activities, reflection
 - * Activity banks with options to test out of competencies
 - * Flexibility: solo/group, formative/summative, creativity, time

Data Collection and Analysis

- * Surveys of learners: opinions, self-regulated learning surveys, and rankings of instructivism vs. connectivism.
- * Also collection of snapshot comparisons (assignment, final grade, completion, etc.)
- * The pathway analysis of learners is more difficult. Clickstream data is problematic.
- * Looking at using a Process Mining PM² method to identify events, analyze observed behaviors, and then compare to models.

Student Feedback

- * Past data indicated satisfaction with pathways in MOOCs.
- * Current preliminary data indicates that up to $\frac{2}{3}$ of learners taking the survey utilized ProSolo between 2-6 hours a week, while also watching 75-100% of the videos in Blackboard.
- * Learners that took the surveys so far are pretty split on whether or not they liked ProSolo and if they felt it helped them learn.
- * Qualitative research will dig into why this is so.

Thank You! Questions?

bit.ly/learningpathways

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