

1-18-2018

## Agile Instructional Design for Learning: A Case Example of Agile Master Course (AMC) Development

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### Recommended Citation

Kim, Yeonsoo and Whitesides, Heather, "Agile Instructional Design for Learning: A Case Example of Agile Master Course (AMC) Development" (2018). *UNLV Best Teaching Practices Expo*. 9.

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# Agile Instructional Design for Learning: A Case Example of Agile Master Course (AMC) Development

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**The practice and the need it addresses**

**Background and Purpose**

Today's higher education institutions need to "produce quality and relevant learning materials, capable of being reused and adapted in different learning situations" (Arimoto & Barroca, 2015). Agile principles and practices are being used by instructional design teams and are geared toward being adaptive and creative.

**Concept**

One developed master course and facilitators guide

- Agreed upon course objectives
- Suggested course materials
- Suggested perspectives and examples to utilize
- Suggested implementation model

Three possible instructional modalities

- Face to Face (F2F)
- Hybrid (HY)

**Evidence this practice benefits UNLV Students**

**Benefits of Agile Instructional Design Approach**

1. Produces consistent high quality instruction and learning deliverables in multiple modalities.
2. People-centered.
3. Encourages and prioritizes effective collaboration and involvement of users (e.g. learners, faculty, etc.) in the development.
4. Allows colleges choices in course delivery (F2F, HY, WB).
5. Focuses on learners and their interactivity with the course.
6. Allows for greater collaboration and flexibility.

**Resources and where to find them**

**Articles**

Arimoto, A. M., Barbosa, E. F., Barroca, L. (2015). "An agile learning design method for open educational resources", *Frontiers in Education Conference (FIE) 2015*. IEEE, 1-9,  
 Krutchen, P. (2001). "Agility with the RUP." *Cutter IT Journal*, 14(12). 27-33.  
 McAvoy, J., & Sammon, D. (2005). Agile methodology adoption decisions: An innovative approach to teaching and learning. *Journal of Information Systems Education*, 16(4), 409-420  
 Willeke, M. H (2011). Agile in Academics: Applying Agile to Instructional Design, 2011 Agile Conference, Salt Lake City, UT, 246-251.

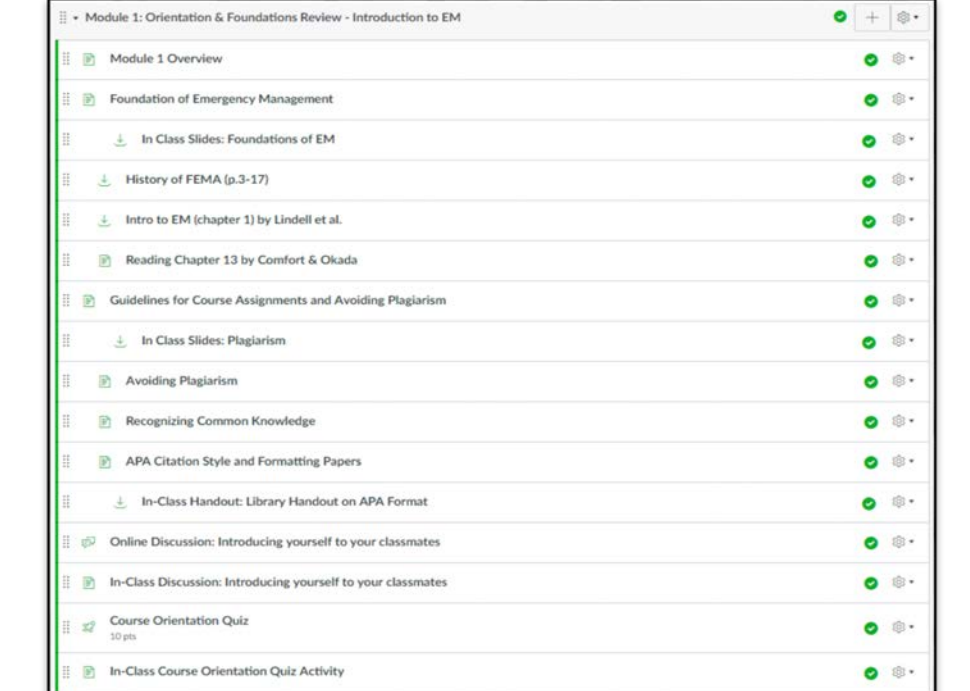
**Videos:**

The Agile Approach to Learning Design  
<https://www.youtube.com/watch?v=RCv wPkY2OnM>  
 Vazquez, T.(2017) The Agile Learning Design Process[Video File] Retrieved from <https://www.youtube.com/watch?v=aWl3 yxSvI n8>

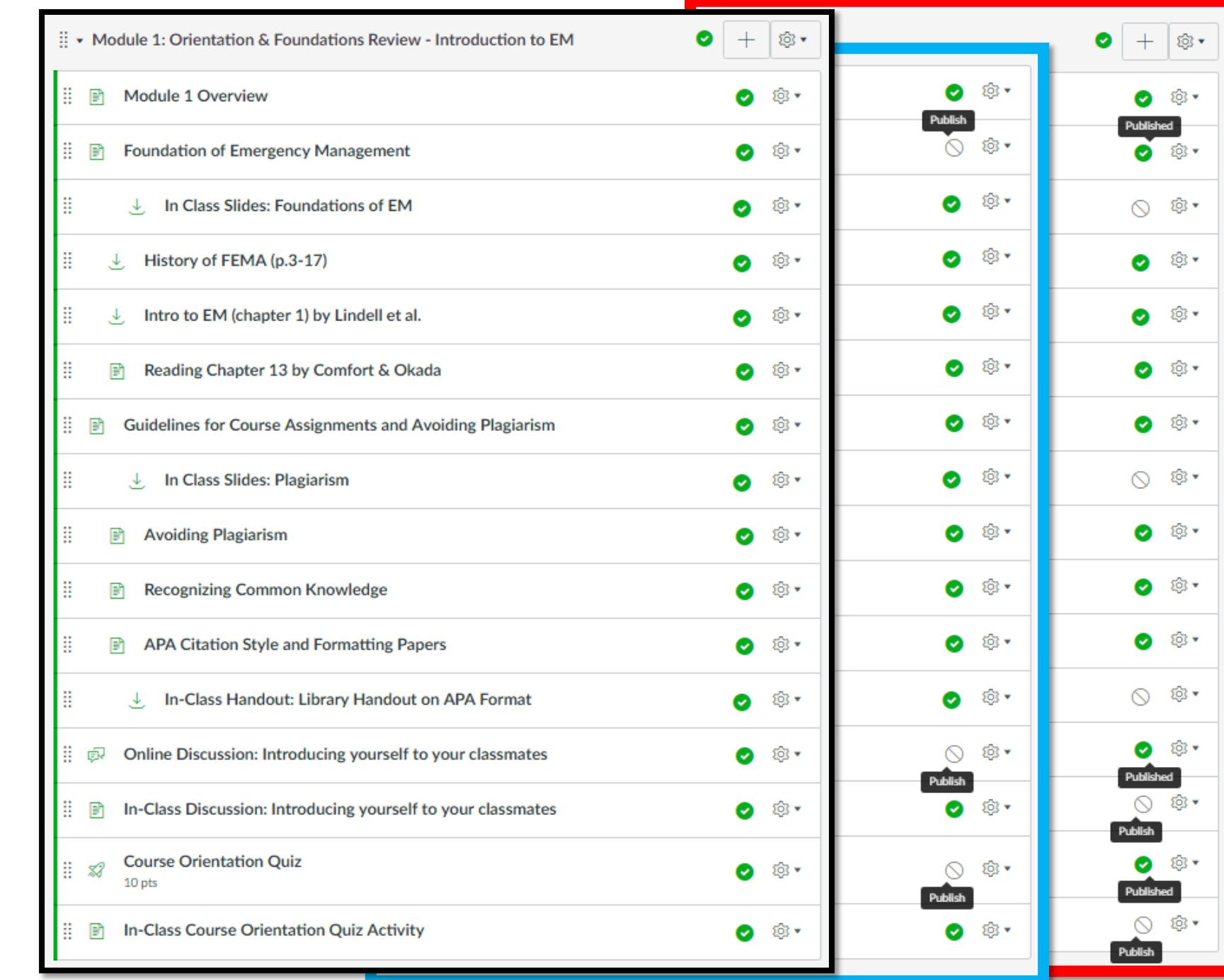
**How other UNLV teachers might adopt this practice**

**Adoption**

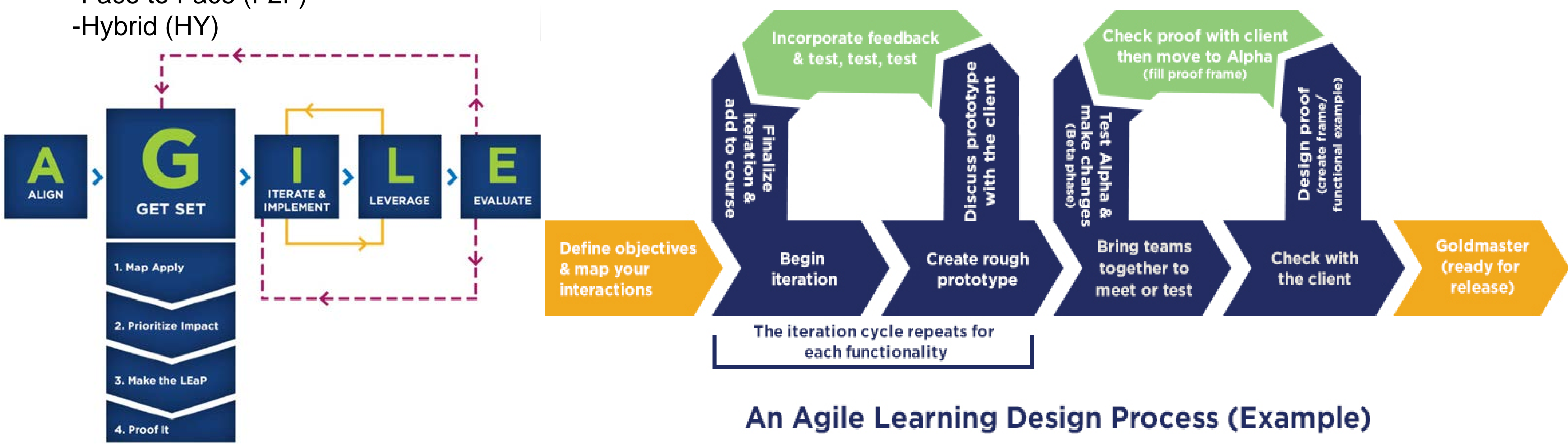
- A pilot Agile Master Course (AMC) is being developed with School of Public Policy and Leadership
- The pilot AMC will consist of 10 modules with instructional materials and activities for traditional in-class, hybrid, and full online format.
- The pilot AMC utilize the adaptability and flexibility of Canvas.



The Master Module In-Class Module Hybrid Module



Example of Agile Master Course module on Canvas



An Agile Learning Design Process (Example)