The Agile ADDIE Framework

Infusing Agile Elements into the Traditional ADDIE Instructional design model

Agile Elements

The Agile ADDIE Model uses the following Agile Principals

- **Rapid Prototyping, present in the Iterate, Assess, Align cycle**
- **Non-Linear development pathway for parallel development**

### Iterate, Align, Assess (IAA) Cycle

- **01** Iterate
  - Develop prototypes of instructional deliverable
- **02** Assess
  - Determine the quality of the instructional product based on project requirements and needs
- **03** Align
  - Determine how the instructional product affects timelines and other projects in development

The IAA Cycle infuses several different agile principles to include direct influence from the Rapid Prototyping Model (RPM) and the Successive Approximation Model.

### Research

#### Research Question 1

How does using the Agile ADDIE Framework in development working groups in non-traditional learning environments help overcome the perceived issues of:

1. Lengthy Development Time
2. Inflexibility During Development
3. Resource Constraints During Development

#### Research Question 2

How, and to what extent, does implementing the Agile ADDIE Framework affect the quality of developed materials in non-traditional learning environments?

#### Research Design

- **Mixed Method Action Research**
- **Pre-Post Interviews**
- **Surveys**
- **SCORM Focus Group**
- **SCORM Burn Down**
- **Merlot Peer Review Form**

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