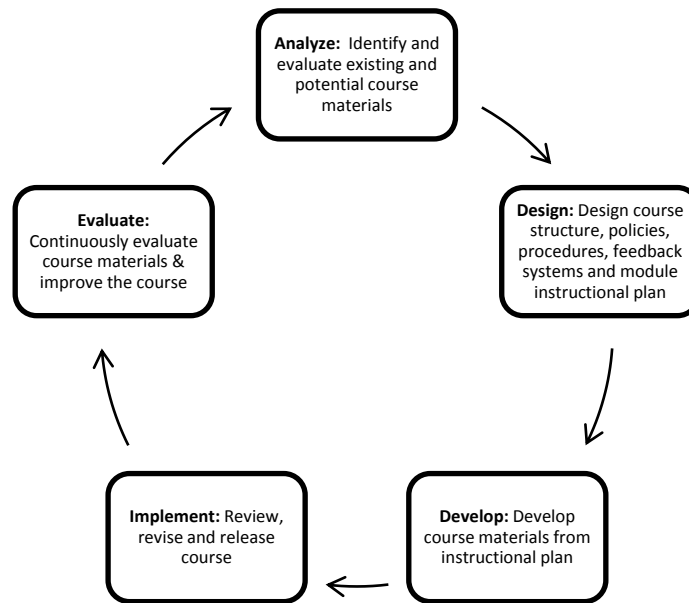


Using Instructional Design Techniques for Online Course Development

The online course development process shown in the Faculty and CEIR Responsibilities and Tasks Work Breakdown table (next page) is an overview of the use of the instructional design framework to develop online courses. This framework uses five phases of development described as the “ADDIE” model. The ADDIE model activity phases are described by the verbs: Analyze, Design, Develop, Implement, and Evaluate. The ADDIE phases operate as a cycle where steps are repeated to allow continuous improvement and updating of course materials to keep the content current.



ADDIE Instructional Design Model

The responsibilities and tasks listed in the work breakdown table are designed to show the inputs, outputs and work flow of the course development process. The individual faculty and CEIR responsibilities and tasks shown in each phase of the ADDIE process are not set in stone. The responsibilities and tasks will flex to the realities of the situation and adapt as needed. In short, the information and resource requirements will be modified to reflect what is available and practical. CEIR will provide instructional design expertise as described in the list of services as follows:

Instructional Design Services Overview

- Assist with identifying course goals and objectives
- Assist with writing objectives
- Assist with use of the course development checklist
- Identify existing and potential resources for course development
- Recommend best use guidelines for maximizing learning with multimedia and graphics resources
- Assist with course development and project management
- Provide an overview of software, multimedia and instructional tools available and make recommendations
- Assist with the use of the CEIR course template and customize the template as needed
- Identify choices available for assessment, discussions, group work, projects, self tests, exams, etc
- Assist with creating module outlines.
- Assist with or develop discussion guidelines, rubrics, etc
- Suggest active learning strategies for online activities
- Assist with development of formative and summative evaluation, survey administration and results analysis