



ETEC 415: TECHNOLOGY FOR TEACHERS

Course Description: Introduction to the application of educational technology in teaching and learning using strategies in design, selection, development, integration, and evaluation.

Prerequisite: Basic teacher certification or consent.

Target Audience: Teachers of Hawaiian students in grades 7-12 with an interest in developing distance learning courses.

Course Delivery: ETEC 415 will be delivered as a hybrid course with two face-to-face meetings with the instructor(s) at the beginning and end of the semester. The majority of the course will be delivered in an online environment utilizing the Internet supplemented with several videoconference meetings.

Required Equipment and Facilities:

- Access to a computer (minimum 128 MB RAM) with Internet connection (Road Runner or DSL preferred) and CD-ROM drive
- Access to a printer
- Software: Microsoft Office (including Word and PowerPoint), Email, Web Browser
- Willing to go to a videoconference site.

Textbook:

Integrating Educational Technology into Teaching, 3rd ed. by M.D. Roblyer

Goals

The goals of ETEC 415 are having the students acquire:

- Introductory knowledge of the theoretical and practical aspects of a broad range of educational media and technology.
- The ability to design instruction which incorporates applications of appropriate media and technology selection, production, and evaluation.
- Increased levels of confidence in using media and technology for instructional purposes.

Objectives:

Knowledge Objectives

Knowledge objectives are listed on the first page of each chapter of the required text.

Performance Objectives

At the end of this course, you should be able to:

- Use computer course management software tools to communicate virtually with your instructor and peers.
- Utilize Internet search strategies to identify resources and evaluate them for accuracy and suitability.
- Model and teach legal and ethical practices related to technology use.
- Align course materials to content standards.
- Use word processing with digitized images with all written materials free of spelling, typing, and grammatical errors.
- Work collaboratively in “virtual groups” on educational technology projects.
- Create presentations integrated with your curriculum that meets professional production standards.
- Create educational web pages that will increase communication between teachers, students, parents, and administrators.
- Describe distance education technologies and its benefits when used by teachers and students in an educational setting.
- Identify and use technology resources that affirm diversity.
- Make presentations as a part of a group that advocates for the use of newer technologies in teaching.
- Create an electronic portfolio that showcases projects completed in this course with all technology integrated lesson plans aligned to content.

Attitudinal Objectives

At the end of this course, it is anticipated that you will choose to:

- Continue use of computer course management software and adapt to one’s own classroom needs.
- Continue use of technology resources to engage in ongoing professional development and lifelong learning.
- Select media and techniques that are appropriate and motivating for specific audiences when designing instruction.
- Use word processing and computer graphics to create learning materials.
- Create multimedia presentations that will integrate with lessons for learners with diverse backgrounds, characteristics, and abilities.
- Learn more about becoming a distance learning instructor.
- Continue improving upon electronic portfolio as you integrate technology with your curriculum.
- Keep updated with current copyright laws and model legal and ethical practices related to technology use.