

## University of Hawai'i-Mānoa College of Education

Distance Programs &  
Preparing Faculty to  
Teach Online

[www.hawaii.edu/coe/departments/outreach](http://www.hawaii.edu/coe/departments/outreach)

## Overview

1. Introduction to Programs & Strategies
2. Compensation & Intellectual Property
3. Student Preparation Supports Faculty
4. Faculty Readiness
5. Faculty Mentoring Program
6. Additional Support
7. Tools & Resources



## Context: Bridging Islands

- Largest institution preparing teachers for licensure
- Nationally accredited teacher preparation institution
- Distance education meets numerous challenges
- 6 major islands
- Requires
  - creative academic planning
  - ongoing technology preparation for faculty
  - rethinking services to students
- Existing and Expanding Programs
  - Pursuit of state-wide teaching licensure accessibility

## Current Statewide Programs

- PBCSE\*
- M.Ed. Special Education\*
- B.Ed. Elementary Education\*
- M.Ed. Educational Administration
- M.Ed. Kinesiology & Leisure Science
- M.Ed. Early Childhood

\* Leads to Initial Licensure

## New Delivery Formats

- Internet
  - Audio, video, repositories, Web, applications
- Interactive Television (HITS)
- DVD or CD media
- Audio Bridge
- Local Field Supervisors
- Weekend Travel

University of Hawai'i-Mānoa College of Education Website // Outreach and Technology Department Homepage // Mozilla Firefox

http://www.hawaii.edu/coe/departments/outreach/index.html

Getting Started | Latest headlines

WELCOME TO THE COLLEGE OF EDUCATION

ACADEMIC PROGRAMS | DEPARTMENTS AND UNITS | ADMISSIONS & EXCHANGES | FACULTY & ADMINISTRATION | CENTERS AND ORGANIZATIONS | DEVELOPMENT & ALIENS | COLLEGE PUBLICATIONS | FACULTY RESOURCES

Outreach & Technology

Aloha and welcome to COE Outreach and Technology. College of Education Outreach and Technology coordinates neighbor island program offerings (Outreach) and supports faculty in the effective use of technology. Most neighbor island programs utilize distance education formats – interactive television, Internet, and hybrid delivery modes. Increasing numbers of traditional face-to-face courses use technology-based delivery as well. As a result, outreach and technology occupy a broad role within the College of Education.

welcome to the College of Education Outreach & Technology

OUTREACH MAIN MENU

- Outreach Programs
- Technology Training
- Troubleshooting Response Team
- Outreach & Tech Staff

LABS & RESOURCES

- Faculty & Staff Computers
- Instructional Computer Labs
- On-site Computer Lab
- Technology Equipment Inventory
- Training Aids
- Other Technology and Distance

OUTREACH PROGRAMS

Schedule of Outreach Programs

- PBCSE Statewide Program
- M.Ed. Elementary Statewide Program
- Post-Baccalaureate SPED Program
- M.Ed. Early Childhood Education

News

- Online Support for PST Exams

ADDITIONAL LINKS

- User Home
- COE Home
- Home Portal
- Book JARs
- Undergraduate Catalog
- Graduate Catalog
- Calendar
- Search
- COE Faculty Resources
- Contact COE

[www.hawaii.edu/coe/departments/outreach](http://www.hawaii.edu/coe/departments/outreach)

UHM College of Education | Departments | Outreach & Technology | Program | Recruit Profile

http://www.hawaii.edu/college/outreach/techprog.htm

OUTREACH MAIN MENU	
Outreach Programs	
Technology Programs	
Troubleshooting	
Resource Team	
Outreach & Tech Staff	
LABS & RESOURCES	
Faculty & Staff Computers	
Instructional Computer Labs	
Group-Its Computer Lab	
Technical Equipment Inventory	
Training Labs	
Other Technology and Distance Education Resources	

Programs Currently Recruiting	
Location	Program
Statewide	Bachelor of Education, Elementary Education Summer 2005 through Fall 2005 Office of Student Academic Services, (808) 956-7849
Statewide	Post-Baccalaureate Certificate in Secondary Education (anticipate annual offerings) Fall 2005 through Fall 2005 Office of Student Academic Services, (808) 956-7849
Statewide	Master of Education in Educational Administration Fall 2004 through Spring 2006, Initial Enrollment: 30 Program is open-enrolled, no cohorts Dr. Ron Hoek, (808) 956-8117
Worldwide**	Master of Education in Educational Foundations Private School Leadership in the Pacific Basin Summer 2005-Summer 2005 Dr. Hunter Heekin, (808) 956-8142
Statewide	Post-Baccalaureate Certificate in Special Education Fall 2006 through Spring 2007 Dr. Patricia Edelen-Smith, (808) 956-5398

Programs in Progress	
Location	Program
Statewide	Bachelor of Education, Elementary Education Summer 2004 through Fall 2005, Initial Enrollment: 29 Office of Student Academic Services, (808) 956-7849
Statewide	Post-Baccalaureate Certificate in Secondary Education Fall 2003 through Fall 2004, Initial Enrollment: 26 Office of Student Academic Services, (808) 956-7849
Statewide	Post-Baccalaureate Certificate in Secondary Education Fall 2004 through Fall 2005 Office of Student Academic Services, (808) 956-7849
Statewide	Master of Education in Early Childhood Summer 2003 through Fall 2005 Dr. Stephanie Finney, (808) 956-4116

## Student Issues

- Computer & Internet
- MS Office
- Technical Competency
- Self Discipline



## Online Readiness Module

Course Home

Home Page

Welcome

**Web Course Orientation - UHM - College of Education**

This module is intended for prospective College of Education (COE) students with basic computer literacy skills. The module will give you a chance to interact with instructional tools commonly used in online learning. When you are done interacting with all of the instructional tools, be sure to complete the web tools self-evaluation. \* Upon completion of the Web tools self-evaluation survey a copy of the survey will automatically be sent to the college.

Please click on the online tools link below to enter the module:

[Online tools](#)  
[Self-evaluation](#)

## PPST Online Preparation

Get Ready  
Get Set  
Go!



### PRAXIS I PPST Online Preparation

The Praxis I Praxis Pre-Professional State 1 test required by many colleges of education for entrance into their programs is now available in a self-directed web-based program. This program is subsidized in part by the U.S. Department of Labor Rural Development Project, administered through Maui Community College.

Your own time, your own pace  
\$50

A customized study program is designed specifically for you by PLATO Learning Systems after you take a simulated test. You may access your study program and activities for 5 months.

## Technology for DE Students

- Social bonding
- Introduction to LMS
- Practice within LMS
- File Management
- UH Tech Services
- Troubleshooting
- Increasing Student Tech Savvy = Support for Instructors

## ETEC 501

- 1 Credit Weekend Course
- Face-to-face delivery
- Program Introduction

## Student Comments

- *Learning the ins-and-outs of the technology involved was tricky, especially during the first week. But once I got the hang of it, it was not difficult. I cannot express enough how important that first orientation class, ETEC 501, was for me. (Personal email, Hawai'i student)*
- *I think this was a really good course for you to give before starting the actual classes. It gives you an advantage...you are able to fulfill assignments at a higher level. I think you should have this course before anyone starts their degree.*
- *Thanks for really explaining WebCT. I have used it in the past as a self taught system. I learned a lot of additional features that would have made past classes easier and will improve my knowledge for future use.*

## Problem with Faculty Readiness

- Online course development difficult & time-consuming
- Faculty lack technology skills required
- Pressure to develop online courses - demand from students & administration
- How to remedy the situation?

## Incentives to Teach Online

- Monetary compensation [1]
  - Release time [1]
  - Software & hardware [1]
  - Graduate assistant support [2]
    - Technical support
    - Instructional design support [3]
- [1] Betts (1998), Irani & Telg (2001)  
[2] Irani & Telg (2001) *Preferred!*  
[3] Borthwick, Cassity & Zilla (2002)

## The COE Solution

- Faculty mentoring program
- Pair faculty & graduate students (tech consultants or TCs) to develop hybrid courses

## Faculty Mentoring Program

- "Give a man a fish, he eats for a day; Teach him to fish & he eats for life"
- Collaborative process
  - Faculty - Subject Matter Expert
  - Mentor - Tech/ID consultant
- Pairs meet in faculty office
  - Once a week
  - For an hour
  - Over a semester



## The Process

- Phase I – Training of TCs
  - sessions focused on pedagogy of online learning (TCs experienced in WebCT, ID)
- Phase II – TCs work 1-on-1 with faculty
  - Team approach - regular group progress meetings

## The Process

- Anticipated outcome – achieve basic structure of online course in WebCT
- Collaborative process:
  - Faculty-TC pairs determine course content & goals; determine appropriate media-content fit
  - Faculty create content using familiar technology
  - Faculty mentored on online course design

## The Process

- WebCT Showcase session at end of semester
- Faculty/TCs demonstrate WebCT courses
- Opportunity to learn from each other

## Additional Support Services

- Tech support help
- Equipment checkout
- Mobile Computing labs
- Wireless network



## Additional Support

- Technology Assistants provide support for online students – not faculty's responsibility

## Tools & Resources for Online Teaching

- WebCT 4.x – “course shell”/communication tools
- Content delivery:
  - Tegrity WebLearner – “lecture/demonstration”
  - Impatica for Narrated PowerPoint
  - Lectora – multimedia authoring tool for online content
  - Respondus – online quiz maker

## Tools & Resources (cont'd)

- Synchronous audio/video conference:
  - HITS – Hawaii Interactive Television
  - Polycom – video conference (Wist Hall Rm 135)
  - Desktop videoconference – iVisit, MS NetMeeting
- Synchronous audio conference:
  - Telephone Conference Bridge
  - Skype free Internet telephony
  - Created Realities with voice-over-IP

## Tools & Resources (cont'd)

- E-course packs:
  - [E-Reserve through Sinclair Library](#) - free
  - [XanEdu](#) – students pay for e-course packs
- Online research
  - <http://libweb.hawaii.edu/uhmlib/index.htm>

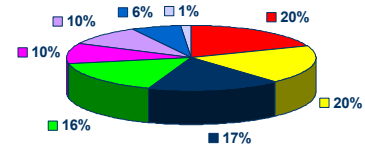
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# MAHALO

## Time Breakdown for Course Development



■ Planning/Strategizing	■ WebCT course site design
■ Content Development	■ Preparing course materials
■ Miscellaneous	■ Administrative
■ Assessment/Interaction	■ Testing & Ethics

## Key Aspects of Development

- Planning/Strategizing (120.3 hours/20%)
  - Determining best pedagogical approaches
  - Designing course layout
  - Developing blueprint, storyboard, sitemap, etc
- WebCT design (120 hours/20%)
  - Setting up Web folders in file directory
  - Uploading documents
  - Creating icons and linking to course documents in WebCT

## Key Aspects of Development

- Content development (108.3 hours/17%)
  - Multimedia content (video, audio, animations)
  - Creating audio/visual content (e.g. Tegrity sessions)
  - Creating icons/graphics
  - Searching for online journal articles
- Preparing course materials (102.8 hours/16%)
  - Developing course syllabus
  - Developing course content (included gathering instructional material, converting to web-friendly format, e.g. Acrobat PDF or HTML.)

## Other aspects

- Assessment/Interaction (40 hours/6%)
  - Developing learning activities (e.g. exams, self-tests, assignments)
  - Planning course interactions (e-mail, bulletin board, etc.)
  - Creating online course quizzes/surveys
- Testing and Ethics (8 hours/1%)
  - Testing of course's technical components
  - Obtaining copyright clearance