



UNIVERSITY OF KENTUCKY

**College of Education**

*Office of the Associate Dean  
Research and Graduate Studies  
107 Taylor Education Building  
Lexington, KY 40506-0001  
Phone: (859) 257-9795  
Fax: (859) 323-1365*

**MEMORANDUM**

To: Graduate Council

From: Eric M. Anderman, Associate Dean for Research and Graduate Studies

Date: December 15, 2005

Re: Graduate Certificate in Distance Education (EDF 853)

Attached please find the College of Education's application for a new Graduate Certificate in Distance Education. Many of today's faculty are using distance education technology to deliver coursework to students who live in remote sites or who need flexible course hours that allow them to juggle employment and family responsibilities. As institutions of higher education increase their distance education course offerings, they need faculty who are skilled in using distance education technology. For several years, the Department of Special Education and Rehabilitation Counseling has offered coursework to prepare their doctoral students to become faculty with distance education skills. In addition to their doctoral students, the courses have been taken by doctoral candidates and faculty from across the University of Kentucky's campus, from the Kentucky Community and Technical College System, from other IHEs both inside and outside of Kentucky. The Department of Curriculum and Instruction offers courses in instructional design that are of value to distance educators, especially those who design online courses. The graduate certificate in Distance Education is a collaborative effort through the Department of Special Education and Rehabilitation Counseling and the Department of Curriculum and Instruction. Based on past interest, it is anticipated that the certificate will be attractive both to doctoral candidates as a support area, and to faculty who want to develop or update distance education skills.

## Graduate Certificate in Distance Education

### 1. Introduction

The College of Education proposes a graduate certificate in distance education. The certificate will be a collaborative effort between the Department of Special Education and Rehabilitation Counseling and the Instructional Systems Design program in the Department of Curriculum and Instruction. Students may choose an emphasis from either the Department of Special Education and Rehabilitation Counseling or from the Instructional System Design program in the Department of Curriculum and Instruction. Students may elect from both programs. Both emphases will require two foundation courses and two related electives for a total of 12 graduate credit hours.

#### 1.1 Need

Delivery of instruction through distance education is an increasing option in many learning communities. In addition to traditional community colleges, technical colleges, and universities, distance education is used to deliver instruction in agencies in public health, government, and private business. The Kentucky Virtual University, the Kentucky Virtual High School, Kentucky Educational Network (KET) and Kentucky Virtual Adult Education are but a few examples of Kentucky's public need for distance education.

Delivery through distance education presents additional challenges to effective instruction. The actual design of the instruction has to include a compensating mechanism to ensure that robust interaction happens despite lack of face-to-face interaction. The design has to include effectively designed electronic threaded discussions for structured domain interaction and well as chat rooms for students to discuss course content in a non-structured domain. Another design issue is the construction of valid and reliable assessments that don't require face-to-face proctoring. The design of the assessment, for example, has to include the security necessary to make sure that the person taking the exam is the person registered for the assessment. In addition, there is a need for information on how to effectively deliver course content, such as promoting frequent interaction with the instructor or other students, and how to manage and support ongoing programs, such as securing funding.

#### 1.2 Content

The content of this graduate certificate in distance education is broad. Major areas of content will include distance education design, delivery, administration, environment, and impact. Design issues for web-based instruction will include such issues as learning theory, presentation and delivery of content, interaction, administrative support and management and assessment. Certificate students need exposure to other venues of distance education, including compressed video and off-site instruction. Many implementation issues need to be addressed. Those include production of distance education products, professional development of instructors, site selection and

preparation, promotion of distance education, collaboration within and across institutions, recruitment and enrollment management, and course evaluation. See attached course syllabi for more specific content. A practicum, offered by Special Education and Rehabilitation Counseling, will be available to provide field experiences in distance education.

## 2. Details

### 2.1 Admission Requirements

A pre-requisite to admission to the distance education certificate ~~program~~ is admission to the University of Kentucky Graduate School. That requires evidence of an awarded baccalaureate degree from an accredited institution of higher learning. In addition to full admission to any existing graduate program, Graduate School admission status may be post-baccalaureate or non-degree.

### 2.2 Faculty

The foundation and some elective courses in the option from the Department of Special Education and Rehabilitation will be taught and coordinated by Dr. Belva Collins, assisted by distance education expert Constance Baird. The foundation courses and some electives in the option in Instructional System Design will be taught by Dr. Gary Anglin, Dr. Joan Mazur, and Dr. Douglas Smith. Drs. Anglin, Collins, Mazur, and Smith are full members of the Graduate faculty.

### 2.3 Administration

The certificate will be administered collaboratively by the Department of Special Education and Rehabilitation Counseling and the Instructional Systems Design Program in the Department of Curriculum and Instruction. Certificate check sheets will be approved by Dr. Belva Collins for students in EDSRC or Dr. Douglas C. Smith in Instructional Systems Design.

### 2.4 Division of Labor

Courses will be taught by the respective faculty as part of the distribution of effort in teaching.

### 2.5 Resources

The College of Education currently has resources for our distance education course work. The certificate in distance education will not require additional resources.

### 2.6 ~~Program Design~~

To meet the required content in course and program design, students may choose from two options in Special Education and Rehabilitation Counseling (EDSRC) or

Instructional Systems Design (EISD). Students also will be required to take to elective related courses, one of which may be the distance education practicum offered by Special Education and Rehabilitation Counseling. The minimum graduate credit hours for the certificate will be 12.

### ~~2.7 Program Design~~

The certificate ~~program~~ in distance education will have two required areas, course development and program development, and students will be able to fulfill this requirement through 6 hours of coursework in EDSRC or in EISD. In addition, students will select from two elective (6 hours) from a list of EDSRC and EISD courses. Student programs will be individually designed based on their needs.

#### Required Core

Course in Course Development: (3 credit hours)      EDC 548 Instructional Computing 2 or  
EDS 651 Distance Education Delivery

Course in Program Development: (3 credit hours)      EDC 605 Distance Education Design or  
EDS 652 Distance Education:  
Management and Support

Related Electives (6 credit hours):

EDC 543 Video for Multimedia and Distance Learning

EDC 607 Instructional Design I

EDS 649 Advanced Practicum: Special Education Technology

EDS 721 Practicum in Special Education Personnel Preparation

Other suitable electives will be considered.

### 3.0 Course Outline

See attached course syllabi:

EDS 649

EDS 651

EDS 652

EDS 721

EDS 789

EDC 543

EDC 548

EDC 605

EDC 607

### 3.1

Distance Education Certificate Associates:
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Faculty Member	Department	Offer Foundation Course?	Offer Other Courses?	Supervise Research or Service?	Coordinate Certificates?
Anglin, Gary	EDC	Yes	No	Yes	No
Collins, Belva Assisted by C. Baird	EDSRC	Yes	Yes	Yes	Yes
Mazur, Joan	EDC	No	No	Yes	No
Smith, Doug	EDC	Yes	No	Yes	Yes

## Brothers, Sheila C

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**From:** Mendiondo, Marta  
**Sent:** Friday, January 09, 2009 4:58 PM  
**To:** Brothers, Sheila C  
**Cc:** Mendiondo, Marta; 'richard.waterman@uky.edu'; Barnes, Thomas G; 'nesch@pop.uky.edu'; Hayes, Jane E; 'richard.smith@uky.edu'; 'dwermel@pop.uky.edu'; Arrington, Michael

Sheila,

At the SAPC we approved for recommendation the following items:

- New Dual Degree: PharmD and Masters of Public Health
- Program Deletion: Minor in Quantitative Financial Analysis
- **New Graduate Certificate: Distance Education**
- New University Scholars Program: BS Dietetics & MS Hospitality and Dietetics Administration
- Program Suspension: Latin American Studies

Thanks for all your help,  
Marta

*Marta S. Mendiondo, PhD*

*University of Kentucky College of Public Health - Biostatistics Department  
121 Washington Avenue - Suite 201 - Lexington, Kentucky 40536-0003*

*Sanders Brown Center on Aging*

*Rm 309B Sanders-Brown Bldg. - 800 S. Limestone St. - Lexington, KY 40536 - 0230*

*(859) 257-1412 ext 274 - FAX (859) 323-2866*

*[marta@email.uky.edu](mailto:marta@email.uky.edu)*

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## Brothers, Sheila C

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**From:** Slaton, Deborah  
**Sent:** Tuesday, February 03, 2009 11:57 AM  
**To:** Brothers, Sheila C  
**Subject:** Distance Learning Grad Certificate

Sheila, thanks for your call this morning about the College of Education's proposal for a graduate certificate in distance learning.

The College of Education remains keenly interested in offering this certificate. The reasons for the delay between our submission of the proposal and its arrival at the University Senate Office are mysterious to us, but the delay in no way diminishes our intent to offer the program should it be approved. Distance learning skills and strategies are even more relevant for UK's graduate students than when we originally submitted the proposal years ago, and we hope members of the University Senate agree.

Please let me know if there are further questions.

Regards,  
Deborah

Deborah Bott Slaton, Ph.D.  
Associate Dean for Research & Graduate Studies  
Professor of Special Education  
College of Education  
107 Taylor Education Building  
University of Kentucky  
Lexington, KY 40506-0001  
(859) 257-9795  
Fax: (859) 323-1365