

1999

## Earn a Certificate in: Computer Applications in Education (CAE) [1999]

Nova Southeastern University

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## Earn a Certificate in: Computer Applications in Education (CAE)



Computer Applications in Education (CAE) courses are designed to assist educators in the application of technology for instruction. CAE courses may be taken individually or in a nine-credit series toward a certificate of completion.

### **CAE 500 Introduction to Media and Instruction\* (3 Cr.)**

This course introduces the principles of instructional design and learning theory; examines methods for planning, production, and utilization of media in instruction; and provides experience in the development of a lesson plan that incorporates the use of instructional media.

### **CAE 502 Internet for Educators (3 Cr.)**

This introductory course introduces fundamentals of navigating the Internet and its role in the K-12 classroom. Participants will explore history of the Internet; Internet services; and forms of Internet communication and retrieval including email, listserv, usenet newsgroups, FTP, Web browsers, and Internet search engines.

### **CAE 503 Internet Resources: Applications for Instruction (3 Cr.)**

This intermediate course examines Internet resources and communications tools and how they may be used in the learning environment to build critical-thinking and research skills. Participants will learn to use the Web to locate, examine, and evaluate instructional resources to design instructional activities for education or training.

### **CAE 504 Web Authoring I: Introduction to Web Page Development (3 Cr.)**

This introductory, project-based course, examines and demonstrates the elements of World Wide Web page development including design and copyright issues, HTML editors, resources, and varied tools for Web page publication.

Prerequisite: Demonstrated ability to use an Internet browser and search techniques

### **CAE 505 Web Authoring II: Beyond Basic Web Page Development (3 Cr.)**

Participants will supplement the Web page developed in Web Authoring I, using more advanced authoring tools and techniques such as tables, frames, sound, and video.

Prerequisite: Web Authoring I (CAE 504)

### **CAE 507 Online Video and Multimedia Production for Education\* (3 Cr.)**

This course introduces elements of video and multimedia production and management for classroom and distance delivery.

### **CAE 6100 Classroom and Clinical Applications of Assistive Technology\* (3 Cr.)**

This course is a broad overview of assistive technologies commonly being introduced into school and clinical settings to empower and support persons with varied physical and learning disabilities.

### **★ PLUG IN CERTIFICATE STUDIES TO AN ONLINE DEGREE IN EDUCATION**

Participants who complete certificate studies may apply these credits to the master's or educational specialist degrees offered online through the Graduate Teacher Education Online programs at Nova Southeastern University. For more information on the master's and educational specialist degree programs online visit our Web site at <http://www.fcae.nova.edu>.

Clusters for the M.S. and Ed.S. online degree programs form with the Fall 1 and Spring 1 terms. Students who follow the program of study may complete their degree in one year.

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# Graduate Education ONLINE

**What is Graduate Education Online?**

Graduate Education Online courses are conducted through the Internet, allowing you to receive and submit course work and interact with participants and your professor via your computer and modem. The predominantly asynchronous nature of the lessons, activities, and communication methods allows you to participate in courses at times and places convenient to you.

**How Does Graduate Education Online Work?**

At the beginning of each week, participants log on to the Graduate Education Online system via the Internet and receive course information from their instructor, including content, activities, and assignments. Participants are expected to post assignments and activities and communicate within a specified time frame. Participants may be involved in group or individual activities conducted electronically. Generally, course work is completed in the asynchronous mode. Some synchronous activities may be scheduled during the term. Courses require a minimum of six participants.

**How Long Does It Take to Complete a Course?**

Courses are set up in six-week terms. Participants should be prepared to log on to the course system and begin the Monday of the first week the course is scheduled. Access term dates and courses at: <http://nova.edu/gtep/online/courses.htm>.

**What Skills and Equipment Do I Need to Participate?**

Basic computer skills are needed to participate in the Graduate Education Online Program.

**Minimum System Requirements:\***

- Computer—
  - IBM compatible 486/33 (Pentium preferred) with Windows 3.1 operating system or higher (Windows 95 or 97 preferred) or
  - Macintosh 7.1 operating system or higher, 16 MB of RAM, and 50 MB of free hard-drive space
- Disk drive—one 3.5"
- Modem—14.4 bps (28.8 bps or above preferred)
- Internet and World Wide Web access through an Internet service provider
- A browser that handles frames, tables, and Java Script (Netscape 2.0 or greater or Microsoft Internet Explorer 4.0)

*\*The program is not responsible for equipment, software, or ISP services.*

For more information, visit our Web site at:

**<http://www.nova.edu/gtep/online>**

or call: **800-986-3223, ext. 8649** or **(954) 262-8649**

or fax: **(954) 262-3953**

Graduate Education Online is available through:



Fischler Graduate School  
of Education and Human Services  
1750 NE 167th Street  
North Miami Beach, Florida 33162-3017  
Email: [olci@fcae.nova.edu](mailto:olci@fcae.nova.edu)



Nova Southeastern University admits students of any race, color, and national or ethnic origin.

Nova Southeastern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award bachelor's, master's, educational specialist, and doctoral degrees.

