

Free Program Overview

Online Teaching Certificate

This orientation session introduces our new certificate program in online teaching. Join us to learn how online teaching can increase your teaching opportunities and bring increased autonomy and income. This program overview will benefit anyone seeking ways to create meaningful instruction, effectively manage courses, and develop appropriate methods of assessing students in an online environment.

Course 23236

Technology has transformed many aspects of our lives and the areas of teaching and learning are not immune. The proliferation of online courses makes it imperative for teachers and trainers to learn how to effectively work in an online environment. This certificate program will help teachers and trainers learn how to create meaningful instruction, effectively manage their courses, and develop appropriate methods of assessing students. This certificate program will enable those teachers who are interested in increasing their teaching opportunities by developing their ability to teach in a virtual classroom.

Courses Coming Soon

Ahead of the Curve—Emerging Technologies and Online Teaching and Learning

Using Multimedia to Enhance Online Instruction



Develop Techniques to Optimize Student Learning

The Online Teaching certificate program focuses on developing skills to maximize adult student learning. It is designed for those who recognize that online teaching and learning is the fastest growing segment of adult education and will continue to grow exponentially in the future.

Understand the Online Teaching Difference

We will teach you how to effectively work in an online environment and create meaningful instruction. You will learn how to develop instruction based on the needs of your students, manage your courses and develop appropriate assessment methods. The principles and practices of online teaching apply in both traditional and non-traditional settings, such as colleges, universities, corporations, and government institutions.

Acquire Skills and Knowledge

If you respect the importance of providing high-quality learning experiences we will help you enhance your natural abilities and combine these with the accumulated knowledge from the research and best practices in online teaching and learning. Participants will engage in activities which will ensure that you go beyond simply exporting your current instructional practices and material and develop the knowledge and skills to excel as an online instructor.

Benefit of Studying at UCSC Extension

We are a leading provider of adult education and we cater to the unique needs of working professionals. Where better to learn the skills our Online Teaching certificate provides? You will study with an exceptional group of highly skilled instructors, many of whom are the finest teachers in our most popular and demanding programs. They will demonstrate principles through their delivery of instruction to you, bringing ideas and learning techniques to life in eye opening ways.

Who Should Attend This Program

Specifically, the certificate is recommended for:

- Current and future adult educators in university, community-college, proprietary-school, and adult-education settings
- Government and business trainers, consultants, and human-resource professionals
- K–12 teachers



About UCSC Extension Silicon Valley

The vital learning community at UCSC Extension Silicon Valley is well known for its collegial atmosphere and rigorous preparation. Our faculty of expert practitioners teaches state-of-the-art solutions to the everyday problems confronting professionals working in Silicon Valley. The professional education programs we offer build expertise, open doors to new opportunity, and deliver tangible value. Our broad portfolio of open-enrollment courses and certificates, affordable pricing, experience-based instruction, and central location in Silicon Valley help turn jobs into careers.

Online Teaching Certificate

Prerequisites

There are no prerequisites for entering this program.

Recommended Course Sequence

It is recommended that "Introduction to Online Teaching" be your first course. Courses in this program may be taken in any order.

Certificate Application Information

We encourage you to establish candidacy in the certificate program early in your studies. There are substantial benefits in doing so:

- Curriculum changes subsequent to the date your application is received will not affect your course requirements.
- Candidates will be notified of updates or special opportunities related to the program

Certificate Requirements

Total: 22 units

Required: 17 units

Elective: 5 units

GPA: 3.0, and a C or better in all courses.

Timeline: Complete all required units within 3 years.

Note: Courses completed more than five years prior to date of certificate issuance cannot be used to fulfill requirements.

How to Apply

Certificate applications can be submitted online. An application fee, listed on the Web page, is required to establish candidacy. Visit ucsc-extension.edu/education.

Program Contact

Enroll online now or contact the Education Department for more information: (408) 861-3860 or e-mail program@ucsc-extension.edu.

Curriculum

Required Courses	Units	Course
Introduction to Online Teaching	3.0	..22175
Differentiated Instruction	3.023246
Designing Online Instruction	2.023237
Building Online Learning Communities	3.023243
Distance Learning in Real Time	2.023244
Assessing Online Learning	2.023242
Practicum	2.023239

Elective Courses (5 units required)	Units	Course
Instructional Needs Assessment and Evaluation	1.51659
Facilitation Skills	2.00426
Psychology of Human Learning	2.03536

Note: While similar in content, this certificate is not intended to meet the requirements for adult and vocational education credentials issued by the State of California. For information, consult the California Commission on Teacher Credentialing at www.ctc.ca.gov.

Required Courses

Introduction to Online Teaching

Technology has dramatically affected many aspects of our lives, including the areas of teaching and learning. Some teachers can be overwhelmed, while some students seem to take it in stride, and vice versa.

In this survey course, students explore how online technologies have changed the way instructors and students interact and how that interplay may change in the future.

Course 22175

Differentiated Instruction

In this course you will learn how differentiated instruction addresses the needs of a diverse student body. Students will explore their own learning style/preferences through instruments, discussion and experience, and look at ways to create a lesson that accommodates different styles and abilities. Discussions will include how to create individual learning plans while meeting course objectives and ensuring a quality online learning experience.

Course 23246

Designing Online Instruction

New skills must be used when developing an online course. In this course you will learn how to design and develop instruction that provides online students with the same opportunity to interact with the instructor and the other students as they would in a traditional classroom. You will design activities and projects based on the learning objectives and learn how to create varied, relevant, and appropriate instruction for learning in the 21st century. Criteria for assessing activities and projects will also be discussed as part of the design process.

Course 23237

Building Online Learning Communities

The virtual classroom presents unique challenges for instructors who want to create a positive and collaborative learning environment. In this course you will learn how to overcome the barriers to interaction and build online communities through activities and assignments that empower the learner and build peer interaction, partnerships, and virtual teams.

Course 23243



Course Descriptions

Distance Learning in Real Time

Distance learning in real time is a practical course for professionals teaching online who want to improve interaction in their online courses by adding a synchronous learning component. The course will provide insight into the world of synchronous learning tools, guide instructors in determining how and when to use synchronous communication, and help you develop your own strategies and styles in implementing these tools to improve online learning. Students will see the value of collaboration and enhancing formal learning using real-time learning. Since most learners use asynchronous tools to access resources and people at anytime, real-time synchronous tools allow instructors or facilitators to gather learners together at the same time in live virtual dialogue. Students will have multiple opportunities to participate as learner, presenter, and moderator using a variety of synchronous tools.

Course 23244

Assessing Online Learning

This course will help education professionals understand the fundamentals of effective online assessment. It offers guidance for designing and implementing creative assessment practices tied directly to course activities to measure student learning. You will use case studies, authentic assessments based in real-life application of concepts, and collaborative activities that assess the quality of student learning rather than relying on the traditional methods of measuring the amount of information retained.

Course 23242

Practicum

In this capstone course, participants will collaborate and create an online course. With the instructor as coach, participants will develop a cohesive course using the skills and techniques that were learned in the certificate course courses. Participants will develop and present the course using the UCSC Learning Management System.

Course 23239

Elective Courses

Instructional Needs Assessment and Evaluation

This course builds participant skills in planning and implementing assessment and evaluation in corporate training, and college and university settings. Best practices share key characteristics. They promote high expectations; address problem-solving; align with objectives; determine methods and tools; respect diverse talents and learning styles; and improve the knowledge, skills, and performance of individuals, groups, and organizations. Other topics in the course include methods (e.g., performance-based, self-assessment, portfolios, teamwork, fieldwork) and ways instructors can conduct self-assessments (e.g., teaching or training portfolios).

Course 1659

Facilitation Skills

In this workshop, participants learn to apply facilitation skills to create and support learning outcomes at the individual, group and corporate level as well as other training needs. Topics include the values of facilitation; building and maintaining a learning environment; group development skills; group observation skills; experimental techniques for interacting with groups; recording theory and practice; and examination of key processes such as needs assessment, priorities and goals, conflict resolution, decision making, problem solving, and communication.

Course 0426

Psychology of Human Learning

Principles of cognitive, developmental and social psychology are examined in this course. Current research is reviewed as it relates to individual differences, the learning process, and theories and problems of learning, including the impact of motivation and intelligence on the special learner. Fundamentals of physical, motor, social and emotional development at critical stages are examined. This course examines the major issues of human learning theories and includes classical, social, Piagetian, and information-processing perspectives.

Course 3536

Recommended Course

Land Your First Online Teaching Job

This career-oriented course introduces educators and education students to the growing field of online teaching in higher education. The course addresses the online teaching arena as a specific educational career choice with its own trends, requirements and opportunities. This course is ideal for professionals seeking either a new part-time teaching opportunity or a career change. Trends and opportunities will be discussed as they relate to non-profit, for-profit, private, and religious institutions of higher learning.

Course 23238



Enrollment Information

Visit ucsc-extension.edu/education, for the most up-to-date information about our courses and programs, including textbooks, instructors, schedules and locations.

Enroll online at ucsc-extension.edu.

Silicon Valley's #1 Source for Advanced Education

Meet Credential Requirements and Energize Your Teaching

UCSC Extension Silicon Valley offers programs for educators who wish to meet credential requirements and energize their teaching with new ideas and skills.

Thousands of Bay Area teachers list our certificates on their résumés, advance on district salary schedules by earning academic units, clear their credentials with course work, and apply the latest innovations in their classrooms.

Dynamic, Highly Educated Student Body

Nearly 100 percent of the students who enter our programs have Bachelor's degrees—and more than 40 percent already hold graduate degrees. So when studying at UCSC Extension in Silicon Valley, you will learn and network with the best and brightest. Working professionals come here to build their careers rather than earn a degree—yet our certificates' quality and recognition have proven instrumental in helping them gain admittance to Master's programs throughout the Bay Area and nationally.

Premier Professional Educator with High Certification Pass Rates

Our applied courses provide a theoretical foundation as appropriate to enhance on-the-job performance. In addition, our programs are very competitively priced—often less than half that of comparable training available elsewhere—with many offered both in classrooms and online. You can take individual courses in any program, earn a full certificate, or, in many cases, build a customized certificate program to suit your needs.

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How to Get Started

Go to ucsc-extension.edu. There you'll find detailed information about the full range of certificates and courses we offer, including class schedules and online registration.

UCSC EXTENSION SILICON VALLEY
2505 Augustine Drive, Suite 100
Santa Clara, CA 95054

Program Contact

Education Department,
(408) 861-3860 or e-mail
program@ucsc-extension.edu.

