



SAN DIEGO STATE
UNIVERSITY

Graduate Programs in Educational Technology



The SDSU Department of Educational Technology is leading the revolution in learning. Problem-based strategies. New technologies that go where the work is. On-demand information. Systems—not events. And novel roles for instructors that take them out of the classroom and closer to where and when they are needed. Ask us how EDTEC turns education into performance.



EDTEC Careers in Corporate, Government, K-12, Higher Ed & Non-Profit Sectors:

- Training
- Instructional design
- Educational software development
- Performance improvement
- Project management
- Educational video production
- Interactive learning
- Multimedia authoring
- Distance learning
- Communications
- And more...



EDTEC Course Offering:

- **EDTEC 296** - Learning, Technology & Society
- **EDTEC 470** - Technologies for Teaching
- **EDTEC 532** - Design & Production of Instructional Materials
- **EDTEC 540** - Educational Technology
- **EDTEC 541** - Web-Based Multimedia Development
- **EDTEC 544** - Instructional Design
- **EDTEC 550** - Introduction to Distance Education
- **EDTEC 561** - Advanced Web-Based Multimedia Development
- **EDTEC 570** - Advanced Teaching with Technologies
- **EDTEC 572** - Technology for Course Delivery
- **EDTEC 590** - Evaluation Techniques for the Performance Technologist
- **EDTEC 640** - Psychology of Technology-Based Learning
- **EDTEC 650** - Distance Education
- **EDTEC 670** - Exploratory Learning Through Simulation and Games
- **EDTEC 671** - Learning Environment Design
- **EDTEC 684** - Management of Educational Technology
- **EDTEC 685** - Informational & Instructional Technologies for Organizations
- **EDTEC 700** - Seminars in Educational Technology
- **EDTEC 775** - Directed Internship

What is Educational Technology?

Educational technology is the application of research, learning theory, and emergent technologies along with child and adult psychology to solving instructional and performance problems.

Every school, institution, business, government agency, and organization is concerned with optimizing productivity and enabling stakeholder contribution. Analysis, education, training, and evaluation are essential to achieving these goals. Our classes and programs provide students with the knowledge, skills, perspectives, and abilities to serve in leadership roles helping organizations reach these goals and thrive in the Information Age.

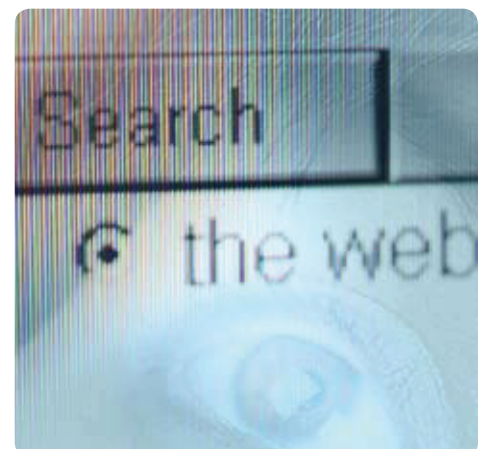
Rapidly advancing technology is leading to a future in which learning is a lifelong activity in both business and personal endeavors. There's an endless demand for people who know how to design learning and performance systems while making best use of technologies such as personal computers, the Internet, digital video, netcast audio, simulations, and electronic performance support systems.



See EDTEC in Action at:
edtec.sdsu.edu/eia/eiahome.htm

Education Courses:

- **ED690** - Methods of Inquiry
- **ED795A** - Seminar & Practicum
- **ED795B** - Seminar



SDSU Educational Technology Programs

Master of Arts in Education with Educational Technology Concentration (36 units)

This program enables students to prepare for careers as instructional technologists, educational specialists, instructional designers, trainers, and experts in educational computing. State-of-the-art coursework coupled with internships in companies, agencies, and schools prepare candidates to analyze performance problems and design, develop and evaluate instructional strategies and products. Students graduate with an electronic portfolio that includes educational software, instructional print materials, video, and interactive learning programs.

Instructional Technology Certificate (15 units)

Instructional technology certificate graduates are headed for, or already employed in, careers in public and private education, corporate or military training and performance technology, and educational and instructional multimedia and product development.

Instructional Software Design Certificate (18 units)

This certificate prepares specialists who can develop or assist in the development of software to meet specific instructional, training or management needs. This certificate incorporates two competency areas: instructional design and educational computing.

Advanced Distance Education Certificate (15 units)

This program provides necessary skills for in-service managers, instructors, instructional designers, evaluators responsible for distance education programs in higher education, K-12, business, and government, including personnel in law enforcement, and the military.

Educational Technology Minor (15 units)

A great addition to many majors, the EDTEC minor gives undergraduate students marketable skills with leading edge technologies sought after for real world jobs in education and training for both the private and public sectors. Even better, units taken the last semester of your senior year can be applied to the Master's degree, so you can get a head start on grad school.

All programs except for the EDTEC Minor are available on campus or online.

EDTEC Professionals are happily employed at:

- Amgen
- BAE Systems
- Bank of America
- Barona Valley Ranch Resort & Casino
- Binary Labs
- Booz Allen Hamilton
- Comcast
- Countrywide Mortgage
- CSU San Marcos
- Internal Revenue Service
- Jack-in-the-Box
- Nokia
- Qualcomm
- SAIC
- San Diego City Schools
- San Diego County
- San Diego State University
- San Diego Zoo
- Solar Turbines
- Starbucks
- SYS Technologies
- Tata International
- UC San Diego
- UCLA
- US Coast Guard
- US Navy





SDSU EDTEC: Virtually Endless Opportunities

Why San Diego State?

SDSU's Educational Technology program is renowned for outstanding faculty and students. By combining established theory, in-depth analysis, and creative thinking with opportunities for hands-on application and internships, you'll experience the art and science of educational technology in a memorable way — and have fun with projects that match your interests.

We have strong relationships with schools, corporations, government agencies, health care facilities, and the military in Southern California and beyond. You'll work with people in the community on student projects that do more than just earn a grade. *Your projects will help people.* Wendy Clash developed training materials for cast members at Disneyland. Patty McKay created a distance education course for special education teachers. Dan McDowell and Nick Glading designed an informative web site for a bi-national public health organization. SDSU EDTEC provides real world experience.

Our students come from varied backgrounds — recent grads to seasoned professionals in a range of disciplines — and their experiences add to the rich learning environment. Our Student Association for Graduates in Educational Technology (SAGE) and close links to alumni offer great opportunities for professional networking, community involvement, and peer support. We also offer some graduate assistant positions, fellowships, and scholarships.

If you want to be a leader, crafting the learning and performance environments of the future, our internationally recognized program is a great place to launch a new career or enhance your old one!

A degree in EDTEC from SDSU can do things for YOU, including:

- Enhanced technical skills
- Improved problem-solving & analysis skills
- Opportunities for professional advancement
- Increased salary potential
- Ability to make better design decisions
- Great friends, colleagues & networking

What Do Grads Say?

"As a business executive changing to a new career in workforce education and lifelong learning, I continue to be impressed by the faculty's commitment to the field and by the camaraderie among the students. This program is truly a community of learners."
Max Gesoro, Pacific Bell, Former Regional Mgr.

"The EDTEC program gave me a great mental jump-start that provided a wealth of excellent strategies and tactics for my everyday work. Not only was the curriculum stimulating, but the projects were actually fun and really brought the theoretical aspects to life."
Susan Connell, Jennings & Assoc., Tech. Dir.

"I entered the EDTEC program at SDSU to expand my skills and capabilities in online learning and training. The program gave me everything I asked for... and much more. I especially liked how I could integrate my (for pay) consulting projects with school assignments. I improved the work for my clients and learned relevant and cutting edge skills that I could immediately put to use."
Gerald Marino, SYS Technologies

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