Competencies and Courses
The goals for integrating educational technology are described in twelve competencies. The courses cover topics such as learning theory, the appropriate use of the Internet, using and managing school technology resources, and developing plans for integrating computers and other technologies in the curriculum. Students may take one or more courses but would need to complete 18 units for the Certificate Program.

Certificate Program
Prerequisites and core requirements
Basic computer skills; introduction to technology course equivalent to EDET 505.

Required Core Courses (12 units)
- EDET 524 Technology in the Curriculum (3)
- EDET 536 Adaptive/Assistive Technologies (3)
- EDET 545 Development of Internet Resources (3)
- EDET 597 or 657 Professional Portfolio Development (3)

Electives (6 units from the following)
- EDET 534 Technology and Learning (3)
- EDET 575 Leadership and Change in Educational Technology (3)
- EDET 595 Topics in Instructional Strategies (3)
- EDET 624 Using and Managing School Technology Resources (3)
- EDET 634 Advanced Technology and Learning (3)
- EDET 635 Technology in Higher Education (3)
- EDET 654 Mentoring in Educational Technology (3)

Total Units: 18

Master of Arts in Curriculum and Instruction with an Emphasis in Technology
The academic degree of Master of Arts in Curriculum and Instruction with an emphasis in technology requires 12 units of core courses, 15 units in technology, and 15 elective units in curriculum and instruction. After completion of the degree, the student is eligible to apply for a doctoral program.

School of Education Discipline Core Coursework—15 units from the following courses:
- EDCI 512 Faith and Learning (3)
- EDCI 514 Curriculum Planning (3)
- EDAD 524 Educational Organization and Leadership (3)
- EDRS 504 Methods and Materials of Research (3)
- EDPC 540 Principles of Counseling (3)

Total Units: 15

Professional Courses for Educational Technology—15 units from the following courses:
- EDET 524 Technology in the Curriculum (3)
- EDET 536 Adaptive/Assistive Technologies (3)
- EDET 545 Development of Internet Resources (3)
EDET 554 or 654  Mentoring in Educational Technology (3)
EDCI 597   Master’s Project (3)

Total Educational Technology Units 15

Note: 3 additional electives from Curriculum and Instruction Technology Courses may be taken to complete the Technology Certificate in addition to the Masters Degree

Elective Courses—15 units from Curriculum and Instruction courses (or 12 units plus 3 additional technology units)

Total Units: 15
Total Units for Degree: 45

COURSES

EDET 504  Critical Issues in Educational Technology (3)
An overview of technology issues in education including: coordinating and consulting for a supportive climate of innovation and learning, and empowering colleagues through curriculum and staff development.

EDET 505 Introduction to Computers in Education (3)
Survey course in the operation, care and use of computers for education. Meets the computer education requirements for the California State Preliminary Teaching Credential. May not be applied toward a graduate degree

EDET 524 Technology in the Curriculum (3)
Application of learning theories as they apply to the integration of technology and curriculum planning. Helps the professional develop daily and unit plans based on local, state, and national standards for integrating computers and other technologies. These plans include the application of effective methods and strategies for using the ever-changing technological tools such as spreadsheets, databases, presentation software, basic programming, simulations, multimedia, and internet communication. Meets the computer education requirements for the California State Preliminary Teaching Credential

EDET 534 Technology and Learning (3)
Application of learning theory and principles of instructional design to the creation of technology-based instruction, instructional materials and training modules. This course will require the student to design, develop, and implement a unique online course. Course content will be equal to a one quarter course at the appropriate elementary or secondary level. The student will also develop a system of evaluation for the course and course content.

EDET 536 Adaptive/Assistive Technologies (3)
Survey of hardware and software technologies to meet the unique needs of those who are physically or learning challenged. Topics include: Adaptive/assistive technologies and services to improve the learning environment; accessibility standards that affect traditional and technology-based education for special needs students; and the use and selection of hardware and software technologies in assessment of special needs. A practicum requirement includes assessment of a special needs student, selection of appropriate hardware and software to meet that person’s needs, development of a