CALIFORNIA STATE UNIVERSITY SAN MARCOS

PROGRAM CHANGE PROPOSAL - Form P-2

COLLEGE ☐ CHABSS ☐ CoBA ☒ CoEHHS ☐ CSM

TITLE OF PROGRAM
Certificate of Advanced Study in Educational Technology: Wikis, Widgets, and Web 2.0
Education

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Discipline
BY:_____
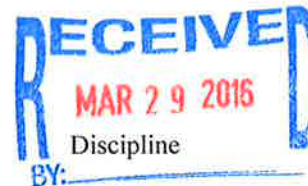
Check one: ☒ Change to Program   ☐ Program Deletion

TITLE OF DEGREE PROGRAM: Certificate of Advanced Study in Educational Technology: Wikis, Widgets, and Web 2.0
This form is the signature sheet for a change to, or deletion of, an existing program.
Note that the addition of a new option/concentration/emphasis/track is a new "program," and requires the use of Form P.

For a change to a program,
1.   Attach a page (or pages) giving a brief summary of the purpose of this proposal, and its connection to the mission and student learning outcomes of the program.
2.   Attach catalog copy showing exactly how the program should appear in the catalog if the changes are approved.

For a program deletion, attach a statement explaining the impact on students: how will the program be "taught-out" for declared majors?

Does this proposal impact other disciplines or units? _____Yes ___X___No   If yes, obtain signature(s).
Any objections or concerns should be stated in writing and attached to this form. Please check the box to indicate whether a memo has been attached.

Discipline/Unit	Signature	☐ Date	_____Support	_____Oppose
Discipline/Unit	Signature	☐ Date	_____Support	_____Oppose
Discipline/Unit	Signature	☐ Date	_____Support	_____Oppose
Discipline/Unit	Signature	☐ Date	_____Support	_____Oppose

1. Sinem Siyahhan   02/07/2016
   Originator (Please Print)   Date

2. M. Vargas   2-7-16
   Program/ Department - Director/Chair   Date

APPROVAL PROCESS

3. Nancy C. Lemig   ☐ 3-16-16
   College Curriculum Committee^   Date

4. Powell   ☐ 3-31-16
   College Dean (or Designee)*   Date

5a. _____ ☐ _____
   University Curriculum Committee^   Date

5b. _____ ☐ _____
   Budget and Long-Range Planning Committee (if applicable)^   Date

6. _____ _____
   Academic Senate   Date

7. _____ _____
   Provost (or Designee)   Date

8. _____ _____
   President   Date

9. _____ _____
   Date to Chancellor's Office (if applicable)

* Where appropriate, attach a memo on program impact on the unit and the ability of the unit to support it. Check the box next to the signature line to indicate whether a memo has been attached.

^ Where appropriate, attach a memo summarizing the curricular and/or resource deliberations. Check the box next to the signature line to indicate whether a memo has been attached.

ATTACHMENT

Technology constantly changes and evolves as new applications, tools, and ways of doing are being discovered. The title and description of the educational technology courses need to reflect these changes. Additionally, the educational technology needs of all educators should be met via an educational technology certificate program. Overall, the goal of the proposed changes to the Certificate of Advanced Study in Educational Technology is to provide a cutting edge educational technology certificate program that is up-to-date and inclusive to all educators. The current program title is too long and outdated. The course titles and descriptions focus on specific technologies that no longer exist or considered innovative. The revisions aim to eliminate these problems while meeting the needs of educators. These changes are aligned with the goals of the program to provide opportunities for educators to learn and develop their skills in educational technology. The revisions will allow the courses to work together coherently to provide rich learning experiences for educators and together will help educators gain knowledge, skills, and dispositions that are necessary to use technology for teaching and learning.

Proposed Changes:

1. Title of the Program:
   a. *Current:* Certificate of Advanced Study in Educational Technology: Wikis, Widgets, and Web 2.0
   b. *Proposed:* Certificate of Advanced Study in Educational Technology

2. Description of the Program:
   a. **Current:** This certificate program provides K-12 educators with experiences, knowledge of resources, and models for effective implementation of emerging technologies that support teaching and learning in on-line or face-to-face settings. The two 3-unit courses for the certificate are on-line and the one-unit courses are offered in hybrid or on-line format. The program provides a variety of experiences using Web based tools, applications, and strategies for managing digital learning that support 21st century education. The experiences prepare teachers to be teacher leaders in the area of innovative educational design.
   b. **Proposed:** This certificate program provides educators with experiences, knowledge, and models for effective implementation of emerging technologies that support teaching and learning in educational settings. The program provides a variety of experiences using tools, applications, and strategies for supporting 21st century learning.

3. Revise & Include courses previously offered under *Computer Concepts and Applications Supplementary Authorization*. Please see **C2 forms** for each of the courses listed below:
   a. EDST 630 (3) Current Issues and Research in Educational Technology
   b. EDST 635 (3) Hardware Operations and Functions to Support Teaching and Learning
   c. EDST 636 (3) Software and Web Site Evaluation and Tools
   d. EDST 637 (3) Instructional Technology Planning and Management

4. Revise & Include two courses previously offered under the *Certificate of Advanced Study in Video Production in Education*. Please see **C2 forms** for each of the courses listed below:
   a. EDST 637 (3) Instructional Technology Planning and Management
   b. EDST 639 (3) Digital Storytelling to Inspire Creativity in the K-12 Classrooms

5. Revise courses currently listed under Educational Technology Certificate. Please see **C2 forms** for each of the courses listed below:
   a. EDST 643 (1) Using Mobile Technologies for Teaching and Learning

b. EDST 644 (1) Social Media and Personal Learning Networks in Education
6. Revise and include the following course as part of the Educational Technology Certificate. Please see **C2 forms** for the course listed below:
    a. EDST 633 (1-3) Topics in Educational Technology

7. *Delete the following courses that are currently listed under Certificate of Advanced Study in Educational Technology: Wikis, Widgets, and Web 2.0.* Please see **d-forms** for each of these courses:
    a. *EDST 640 (3) Using Web 2.0 Tools for Collaborative Video and Audio Projects in the K-12 Classroom*
    b. *EDST 641 (3) Using Mobile Technologies for Teaching and Learning*
    c. *EDST 646 (1) Digital Citizenship in the Classroom*
    d. *EDST 647 (1) Adventures in Geocaching*
    e. *EDST 648 (1) Cloud Computing for Education*
    f. *EDST 649 (1) Implementing Adaptive Technology in the Classroom*

8. Course Requirements:
    a. **Current:** The 12-unit program requires completion of 6-unit courses and six 1-unit courses. Three unit on-line courses include:
        EDST640
        EDST641

        One unit online/hybrid courses include:
        EDST643
        EDST644
        EDST646
        EDST648
        EDST649

    b. **Proposed:** Students are expected to successfully complete 12-units to receive their certificate. Students must take 6 units of required coursework, and 6-units of electives.

        Required courses include:
        EDT630 (3 credit)
        EDT635 (3 credit)

        Elective courses include:
        EDT643 (1 credit)
        EDT644 (1 credit)
        EDT633 (1-3 credit)
        EDT636 (3 credit)
        EDT637 (3 credit)
        EDT639 (3 credit)

2. Complete an SB 2042 Clear Teacher Induction Program

and CPR training. Contact your school district directly for details. Option two is the only option available to qualify for a Clear SB 2042 Credential.

CERTIFICATE PROGRAMS

CALIFORNIA TEACHERS OF ENGLISH LEARNERS (CTEL) CLAD CERTIFICATE

California Teachers of English Learners (CTEL) Program Leading to a CLAD Certificate

The CLAD certificate authorizes instruction for English language development and specially designed academic instruction delivered in English.

There are 4 requirements to be eligible for the CLAD certificate:

1. You must hold an appropriate prerequisite credential or permit.
   **Please Note: SB 2042 credential programs infuse CLAD competencies in the teacher preparation programs.
2. The second language requirement is fulfilled by completion of a bachelor's degree from an accredited college or university.
3. CTEL coursework is required to obtain the CLAD certificate.
4. A portfolio review (assessment).

Overview of the CTEL Program leading to CLAD certification

The CTEL Certificate Program at California State University San Marcos is a program within the Master of Arts in Education programs offered in the School of Education. The CTEL Certificate Program consists of 12 units of coursework (4 courses) accompanied by candidates submitting a final portfolio to demonstrate mastery of the CTEL standards.

- The four (4) courses are offered at the MA-level so that candidates completing the CTEL program can apply their courses towards a Master of Arts in Education – a 30-unit degree program.
- Candidates can complete the CTEL coursework in two to four semesters. Master of Arts classes are offered in the evenings.
- Some CTEL courses have an online component, but the CTEL Program at CSUSM is not an online program.
- The final portfolio is an online submission in which candidates write a narrative reflecting upon how s/he has met the CTEL standards and attach assignments from the courses they completed as evidence.

CERTIFICATE OF ADVANCED STUDIES IN MULTICULTURAL EDUCATION

The Certificate of Advanced Studies in Multicultural Education prepares educators to take leadership roles for social change.

Course Requirements

EDUC 641	3
EDUC 643	3
EDUC 644	3
EDUC 647	3
Program Total	**12**

CERTIFICATE OF ADVANCED STUDY IN BILITERACY EDUCATION: SPANISH

Courses Required:

Multiple-Subject Students:

EDMS 522	EDMS 555
EDML 553	EDML 554

Program Total: 12 units

Single-Subject Students:

EDSS 521	EDSS 555
EDML 553	EDML 554

Program Total: 12 units

CERTIFICATE OF ADVANCED STUDY IN EDUCATION TECHNOLOGY*

This certificate program provides K-12 educators with experiences, knowledge of resources, and models for effective implementation of emerging technologies that support teaching and learning in ~~online~~ educational ~~or face-to-face settings. The two 3-unit courses for the certificate are on-line and the one-unit courses are offered in hybrid or online format.~~ The program provides a variety of experiences using Web-based tools, applications and strategies for managing digital learning that support~~s~~ing 21st century ~~curriculum~~ learning. ~~The experiences prepare teachers to be teacher-leaders in the area of innovative educational design.~~

The 12-unit program requires completion of ~~two 3-unit courses and six 1-unit courses.~~ 6 units of required and 6 units of elective course work:

Required ~~Three-unit on-line courses include:~~

~~EDST 040~~	~~EDST 041~~
EDT 630	EDT 635

~~One-unit on-line/hybrid~~ Elective courses include:

~~EDST 643~~ EDT 643		~~EDST 644~~ EDT 644	
~~EDST 646~~ EDT 636		~~EDST 647~~ EDT 639	
~~EDST 648~~ EDT 637		~~EDST 649~~ EDT 633	

*The Certificate of Advanced Study in Education Technology is offered through Extended Learning.

EDST 623 (3)
Topics in Mathematics Education
Critically examines one or more selected investigations in mathematics education related to such topics as international studies, ethnomathematics, professional development, and/or other current topics. The latest research issues in mathematics education will be highlighted. *May be repeated for credit as topics change, but only three (3) units may be applied toward the Master's in Education. Enrollment Restriction: Enrollment in the Master's in Education Program and/or hold credential.*

EDST 630 (3)
Current Issues and Research in Educational Technology
Assists educators in the application of technology related skills and knowledge to their classroom. This fully online course requires collaboration using electronic media. ~~Enrollment Restriction: Enrollment in the Master's in Education Program and/or hold credential.~~ *(handwritten: revised)*

EDST 631 (3)
Impact of Technology on Teaching and Learning
A critical analysis of how technology contributes to learning, teaching, and educational reform. Includes topics such as the pedagogy of distance and distributed learning, portfolio assessment, and community-based and project-based learning. Special emphasis is placed on how technology influences various communities of learners. *Enrollment Restriction: Enrollment in the Master's in Education Program and/or hold credential*

EDST 632 (3)
Using Emerging Technologies to Customize Learning
Helps educators develop skills to use emerging technologies and multimedia applications to customize learning and instruction. It includes the study of visual principles, pedagogical concepts, and instructional strategies as they pertain to the development of instructional delivery systems. Students work in teams to develop instructional projects for classroom implementation. *Enrollment Restriction: Enrollment in the Education Master's Program and/or hold credential.*

EDST 633 (1-3)
Topics in Educational Technology
Critically examines one or more selected issues in educational technology. Current topics such as distance and distributed learning, video conferencing, and technology initiatives will be highlighted. *May be repeated for credit as topics change, but only three (3) units may be applied toward the Master's in Education.* ~~Enrollment Restriction: Enrollment in the Master's in Education Program and/or hold credential~~ *(handwritten: revised)*

EDST 634 (3)
Supporting Service Learning in K-12 Settings
Designed for educators who want to apply service learning to a K-12 classroom setting. Covers the fundamental elements of the Cal Serve K-12 Service Learning Initiative and will feature ways to utilize technology to support meaningful service learning projects. Participants will develop and implement a standards-based service learning project integrating the use of technology. *Students will submit a portfolio documenting their experiences in the process.*

EDST 635 (3) *(handwritten: Introduction to Computational Thinking and Programming)*
~~Hardware Operations and Functions to Support Teaching and Learning.~~
Prepares educators to use computer and software resources and settings to support student needs. Includes universal access issues, tools, and important copyright law. *(handwritten: revised)*

EDST 636 (3) *(handwritten: Technology, Assessment r Evaluation)*
~~Software and Web Site Evaluation and Tools~~
Prepares educators to critically examine education-specific software for classroom use and to evaluate educational web sites. Includes development of a teacher web page, use of online survey tools, and blogs. *(handwritten: revised)*

EDST 637 (3)
Instructional Technology Planning and Management
Prepares educators to plan, manage, and access technology infused classroom environments. Includes the development and piloting a technology-rich instructional unit utilizing technology, and the use of rubrics for assessment. *(handwritten: revised)*

EDST 638 (3)
Using Visual Literacy to Improve K-12 Student Learning
Explores four elements of video production in the classroom: 1) learn how to plan for video production targeting student needs to impact learning; 2) learn the basic aspects of media production; 3) plan video production and implement in a K-12 classroom setting; and 4) assess learning outcomes and reflect on the use of video to enhance student learning

EDST 639 (3)
Digital Storytelling to Inspire *(handwritten: Learning)* ~~Creativity in the K-12 Classroom~~
Prepares educators to apply principles of digital storytelling to create a variety of movie sequences applying project based learning elements emphasized in education today. Copyright issues and permissions will be addressed for the K-12 classroom. Projects will address the K-12 Standards for Visual Arts. *(handwritten: revised)*

~~EDST 640~~
~~Using Web 2.0 Tools for Collaborative Video and Audio Projects in the K-12 Classroom~~
The Web has many free resources that can be used collaboratively to produce projects in the K-12 classroom. Learn about Web 2.0 and explore how these tools can be used to inspire creativity in young students as they learn content and demonstrate their understanding.

EDST 641 (3)
Designing Online Experiences for Teaching and Learning
Prepares instructors to design online experiences using appropriate instructional media and assessment for effective web-based learning.

EDST 641 (3)

Using Mobile Technologies for Teaching and Learning

Learn about emerging mobile applications and successful uses in educational setting. Explore models and create example projects that engage learners in collaborative projects. Identify strategies and lessons aligned with content and national technology standards for use with students.

EDST 643 (1)

Using Mobile Technologies for Teaching and Learning

revised

Learn about emerging mobile applications and successful uses in educational setting. Explore models and create example projects that engage learners in collaborative projects. Identify strategies and lessons aligned with content and national technology standards for use with students.

EDST 644 (1) in Education

Social Media and Personal Learning Networks in Education

revised

Examines the use of social media in creating a personal learning network (PLN). Students will use various social media tools to create and participate in an on-line learning community to enhance instructional and personal development.

EDST 646 (1)

Digital Citizenship in the Classroom

Advocates, models and teaches safe, legal and ethical use of digital information and technology including respect for copyright, intellectual property, and the appropriate documentation of resources.

EDST 647 (1)

Adventures in GeoCaching

In this hands-on course, students will learn about and use Global Positioning System (GPS) Receivers. Use of geocaching activities will be explored and classroom activities will be designed for K-12 students.

EDST 648 (1)

Cloud Computing for Education

Learn and explore educational use of applications in a cloud environment such as Google Apps. Discover how cloud computing supports teaching and learning in the digital age.

EDST 649 (1)

Implementing Adaptive Technology in the K-8 Classroom

Designed to provide insight into the world of assistive technology in education. The course will review various types of disabilities and the technologies and accommodations available to students with disabilities.

EDUCATION (EDUC)

College of Education, Health and Human Services

EDUC 199 (1-3)
Independent Study

Individual library study or research under the direction of a faculty member. Study plan must be approved by the fourth week of classes. *Enrollment restricted to students who have obtained consent of instructor.*

EDUC 350 (3)
Foundations of Teaching as a Profession

Required for all credential candidates. An orientation to careers in K-12 education. Focuses on teaching and schooling from multiple perspectives, with an emphasis on current thinking and practices in public education in the U.S. Subjects from the sociological, philosophical, and historical foundations of education are addressed. Readings from the lives of teachers and interactions with local educators will assist students to understand the richness and the complexities of teaching as a career. Emphasizes the importance of education for all children in a diverse society. Intended for individuals interested in becoming teachers to understand the nature of formal education in the United States and to assess teaching as a career. *Participation in forty-five (45) hours of supervised fieldwork assignments in K-12 classroom settings.*

EDUC 350B (3)
Foundations of Teaching as a Profession

An orientation to careers in K-12 education. Focuses on teaching and schooling from multiple perspectives, with an emphasis on current thinking and practices in public education in the U.S. Subjects from the sociological, philosophical, and historical foundations of education are addressed. Readings from the lives of teachers and interactions with local educators will assist students to understand the richness and the complexities of teaching as a career. Emphasizes the importance of education for all children in a diverse society. Intended for individuals interested in becoming teachers to understand the nature of formal education in the United States and to assess teaching as a career. *Participation in forty-five (45) hours of supervised fieldwork assignments in K-12 classrooms settings. Course is intended for students who are considering applying to the Integrated Credential Program.*

EDUC 364 (3)
The Role of Cultural Diversity in Schooling

Principles of first and second language acquisition (e.g. historical and current theories, psychology, sociocultural, political, and pedagogical factors) and issues related to notions of culture, interaction, and communication in school and community contexts (e.g. the nature of culture, manifestations of cultural contact and cultural diversity in the United States and in California) within a theoretical and applied context. Required of all credential candidates. *Also offered as EDSL 364. Students may not receive credit for both*

EDT 630 (3) Current Issues and Research in Educational Technology

Prepares educators to critically examine the relationship between teaching, learning, and technology, and explores current issues and research in the field of educational technology.

EDT 633 (1-3) Topics in Educational Technology

Critically examines one or more selected topics that are emerging and trending in the field of educational technology.

EDT 635 (3) Introduction to Computational Thinking & Programming

Prepares educators to develop basic understanding of computational thinking and programming to support 21st century teaching and learning.

EDT 636 (3) Technology, Assessment, & Evaluation

Prepares educators to critically examine the relationship between technology, assessment, and evaluation in educational settings.

EDT 637 (3) Instructional Technology Planning & Management

Prepares leaders in education to effectively utilize, implement, and manage technology in educational settings.

EDT 639 (3) Digital Storytelling to Inspire Learning

Prepares educators to use digital storytelling to support the development of new media literacy skills, 21st century skills, content learning, and audio and video production skills.

EDT 643 (1) Using Mobile Technologies for Teaching and Learning

Prepares educators to use emerging mobile applications successfully in educational settings to support individual and group learning.

EDT 644 (1) Social Media in Education

Explores how to utilize social media to support teaching and learning in educational settings, and for building online personal learning networks.