

COMMISSION ON TEACHER CREDENTIALING

1812 Ninth Street
Sacramento, California 95814-7000
(916) 445-0184



OFFICE OF THE EXECUTIVE DIRECTOR

96-9608

DATE: May 28, 1996

TO: All Individuals and Groups Interested in the Activities of the
Commission on Teacher Credentialing

FROM: Sam W. Swofford, Ed.D., Executive Director

SUBJECT: Proposed Amendments to Title 5, California Code of Regulations,
Concerning Supplementary Authorizations in Business, Health
Science, and Home Economics

Notice of Public Hearing is Hereby Given

In accordance with Commission policy, the following Title 5 Regulations are being distributed prior to the public hearing:

Proposed Amendments to Sections 80057.5, 80089, 80089.1, and 80089.2

The public hearing is scheduled for:

July 18, 1996
1:30 p.m.
Hyatt Regency Hotel
1209 L Street
Sacramento, CA 95814

Statement of ReasonsPurpose/Effect of Proposed Action

The proposed changes to Title 5 Section 80057.5 will update the requirements and clarify the dates for supplementary authorizations in business, health science, and home economics added to elementary credentials and also to correct a grammatical error. The proposed changes in the requirements better reflect the content of classes currently taught in grades 9 and below, as well as the changes to the program standards. In subsection (c)(12), commas replace semicolons to reflect the punctuation that appears in other parts of subsection (c). The clarification of the dates appears in subsection (g) of this Section and also in Section 80089(c). The dates will establish the timeline for achieving the transition from current regulations to full implementation of the proposed changes. The dates currently listed in the regulations for the previous changes will have passed by the date of the public hearing for these proposed changes.

Subsection (d) of this Section and also Section 80089.2(c) explain the requirement of a laboratory component for the home economics supplementary authorization. They also explain that an individual seeking a supplementary authorization in home economics must have course work in both food and nutrition, but may cover the subjects in one course; an individual must also have course work in family life and parenting, but may cover these subjects in one course. The addition of a laboratory component is to ensure that the teacher has had some practical experience in the area.

The change in Section 80089 is intended to clarify the dates of the proposed changes for supplementary authorizations in business, health science, and home economics added to teaching credentials used predominantly in secondary schools. Section 80057.5(g) also has the same proposed change to clarify the dates

In Section 80089.1, the proposal is to add to and revise the list of specific subject supplementary authorizations in business, health science, and home economics that may be added to secondary-type credentials for service in grades K - 12. These changes propose to update the list to subjects currently taught in grades K-12. The words "home economics" are proposed to be added to the subjects of clothing and textiles and food and nutrition to clarify that these subjects are a part of home economics rather than another subject area. Subsection (d) explains the course work components required for the specific health science supplementary authorization.

Section 80089.2 is proposed to change the requirements for supplementary authorizations in business, health science, and home economics added as introductory subjects on credentials predominantly used in secondary schools and to correct grammatical and typographical errors. The proposed changes better reflect the content of classes currently taught in grades 9 and below, as well as the changes to the program standards. In subsection (b)(11), commas replace semicolons to reflect the punctuation that appears in other parts of subsection (b). In subsection (b)(13), the word "on" has been corrected to the word "one". Subsection (c) explains the requirement of a laboratory component and that an individual seeking a supplementary authorization in home economics must have course work in specific subjects but may cover these subjects in one course. Section 80057.5(d) also has this same proposed change regarding the laboratory component and course work requirement.

Documents Relied Upon in Preparing Regulations

The following document was used to make the determination to seek these changes and additions to the regulations governing supplementary authorizations in business, health science, and home economics:

- Draft Standards of Quality and Effectiveness for Subject Matter Programs in Business, Health Science, and Home Economics (approved by the Commission in January 1996)

Alternatives Considered

The Commission must determine that no alternative considered will be more effective in carrying out the purpose for which the action is proposed or will be as effective and less burdensome to affected private persons or small businesses than the proposed action.

Written Comment Period

Any interested person, or his or her authorized representative, may submit written comments on the proposed action(s). The written comment period closes at 5:00 p.m. on July 17, 1996. Comments must be received by that time at the Commission on Teacher Credentialing, 1812 9th Street, Sacramento, CA 95814-7000.

Any written comments received 14 days prior to the public hearing will be reproduced by the Commission's staff for each Commissioner as a courtesy to the person submitting the comments and will be included in the written agenda prepared for and presented to the full Commission at the hearing.

Public Hearing

Oral comments on the proposed action will also be taken at the public hearing. We would appreciate 14 days advance notice in order to schedule sufficient time on the agenda for all speakers. Please contact Dr. Sam W. Swofford, Executive Director, at (916) 445-0184 regarding this.

Any person wishing to submit written comments at the public hearing may do so. It is requested, but not required, that persons submitting such comments provide twenty-five copies. All written statements submitted at the hearing will, however be given full consideration regardless of the number of copies submitted.

Modification of Proposed Action(s)

If the Commission proposes to modify the actions hereby proposed, the modifications (other than nonsubstantial or solely grammatical modifications) will be made available for public comment for at least 15 days before they are adopted.

Contact Person/Further Information

Inquiries concerning the proposed action may be directed to Terri H. Fesperman, (916-323-5777). Upon request, a copy of the express terms of the proposed action and a copy of the initial statement of reasons will be made available. Also available upon request is a copy of the proposed action written in plain English, (i.e., written at the eighth grade level). In addition, all the information upon which this proposal is based is available for inspection and copying.

COMMISSION ON TEACHER CREDENTIALING

DIVISION VIII OF TITLE 5 CALIFORNIA CODE OF REGULATIONS

PROPOSED AMENDMENT(S) TO SECTIONS 80057.5, 80089, 80089.1, and 80089.2 CONCERNING SUPPLEMENTARY AUTHORIZATIONS IN BUSINESS, HEALTH SCIENCE, and HOME ECONOMICS

§80057.5. Adding Supplementary Authorizations to Teaching Credentials Used Predominantly in Elementary Schools.

- (a) The holder of a valid teaching credential specified in Education Code Section 44256(b) may have one or more of the subjects listed in subsection (c) added as a supplementary authorization. The candidate or an approved institution shall verify completion of either (1) or (2) below:
- (1) 20 semester hours or 10 upper division semester hours of non-remedial collegiate course work in each subject from subsection (c) to be listed, or
 - (2) a collegiate major in a subject directly related to each subject from subsection (c) to be listed.
- A "C" grade or above in any course used to meet the provisions of this section shall be required. Non-remedial coursework for the purposes of this section shall be defined as coursework that is applicable toward a bachelor's degree or a higher degree at a regionally accredited college or university.
- (b) Candidates seeking supplementary authorization in any language other than English shall, in addition to requirements specified in subsection (a), submit verification of having either (1), (2), (3), or (4) below:
- (1) passed the oral language portion of the Bilingual Certificate of Competence Examination in the language to be listed on the credential. Such verification shall be in the form of a letter from any institution or other educational agency, approved by the Commission as an assessor agency for the Bilingual Certificate of Competence. Whenever a written assessment instrument for a language other than Spanish is not available, a panel may be used by assessor agencies to assess a candidate's knowledge of the target language competencies, in accordance with Commission guidelines regulating assessment for languages other than Spanish, or
 - (2) passed the speaking and listening sections of Test 6 of the Crosscultural Language and Academic Development/Bilingual Crosscultural Language and Academic Development (CLAD/BCLAD) Examinations described in Section 80015.3 in the language to be listed on the credential; or
 - (3) oral proficiency in the language to be listed on the credential at a level equivalent to that of a person with a bachelor's degree with a major in that language. This level of proficiency shall be verified by a letter from the Chair of the Language Department of a regionally accredited four year college or university, or
 - (4) oral proficiency in the language to be listed on the credential at the level required to complete a Bilingual Emphasis or Bilingual Crosscultural Language and Academic Development (BCLAD) Emphasis Credential Program as verified by a letter from a person authorized to issue such verification by the college or university that offers such a program.

- (c) The following subjects may be added as supplementary authorizations to a valid teaching credential specified in Education Code Section 44256(b):
- (1) Agriculture, including at least one course in each of the following areas: animal science, plant science, and agricultural mechanics;
 - (2) Art, including at least one course in each of the following areas: drawing and painting, art history or appreciation, and crafts;
 - (3) Business, including at least one course in each of the following areas: ~~office or secretarial skills~~, business management, business marketing or introduction to business, computer concepts and applications, economics, business communications or business English, and ~~accounting or bookkeeping~~;
 - (4) Computer Concepts and Applications, including at least one course in each of the following areas: software evaluation and selection, hardware operation and functions, and classroom uses of computers;
 - (5) English, including at least one course in each of the following areas: grammar or language structure, composition, and literature;
 - (6) A Language Other Than English (Specify), including at least one course in the language covering each of the following areas: grammar, composition, conversation, and literature;
 - (7) Health Science, including at least one course in each of the following areas: substance abuse (including alcohol, drug, and tobacco), ~~family health~~, life education (including human sexuality, HIV/AIDS, and sexually transmitted diseases), nutrition, comprehensive school health systems or programs, and health education theory, behavior, or foundations;
 - (8) Home Economics, including at least one course in each of the following areas: ~~foods or~~ and nutrition, clothing, child development, and family life and parenting;
 - (9) Industrial Arts, including at least one course in each of the following areas: drafting or graphic arts, woods or metals, and electricity or electronics;
 - (10) Mathematics, including at least one course in each of the following areas (all course work shall be at least at a level for which intermediate algebra is a prerequisite): algebra, geometry, and development of the real number system or introduction to mathematics; or three courses in calculus or other mathematics courses for which algebra and geometry are prerequisites;
 - (11) Music, including at least one course in each of the following areas: vocal music, instrumental music, music history or appreciation, and music theory;
 - (12) Physical Education, including at least one course in each of the following areas: team sports and games; fundamental and creative movement skills (such as dance and gymnastics); human movement, motor development, and/or motor learning; and individual, dual, nontraditional and global sports and games (such as aquatics, conditioning, and archery);
 - (13) Science, including at least one course in each of the following areas: biological sciences, chemistry, geosciences, and physics; and
 - (14) Social Science, including at least one course in each of the following areas: United States history, California history, world history, geography, and United States government.
- (d) Home Economics Supplementary Authorizations must include a laboratory component in one of the listed subject areas. The course of study must cover both subject areas of food and nutrition but a single course may be used to meet the requirement. The course

of study must cover both subject areas of family life and parenting, but a single course may be used to meet the requirement.

- (d) (e) Science Supplementary Authorizations Authorized by 80057.5((c)13) shall include a one-year sequence of courses in at least two of the listed subject areas. At least one course must include a laboratory component.
- (e) (f) A subject specified in subsection (c) and listed on a teaching credential in Education Code Section 44256(b) as a supplementary authorization shall authorize the teaching of courses related to that subject in departmentalized classes in grades 9 and below.
- (f) (g) Applicants who are progressing towards completion of supplementary authorization requirements as they existed on ~~September~~ July 1, 1993 ~~1996~~, shall have until ~~July 1, 1996~~ 1998, to apply for said authorizations.

Note: Authority cited: Section 44225(b), Education Code. Reference: Section 44256(b), Education Code.

§80089. Adding Supplementary Authorizations to Teaching Credentials Used Predominantly in Secondary Schools.

- (a) The holder of a valid teaching credential specified in Education Code Section 44256(a) may have one or more of the subjects listed in Sections 80089.1 and 80089.2, added as a supplementary authorization. The candidate or an approved institution shall verify completion of either (1) or (2) below:
- (1) 20 semester hours or 10 upper division semester hours of non-remedial collegiate coursework in a subject listed in Sections 80089.1 or 80089.2, or
 - (2) a collegiate major in a subject directly related to each subject listed in Sections 80089.1 or 80089.2. A "C" grade or above in any course used to meet provisions of this section shall be required. Non-remedial coursework for the purposes of this sections shall be defined as coursework that is applicable to a bachelor's degree or a higher degree at a regionally accredited college or university.
- (b) Authorization.
- (1) A supplementary authorization added under the provisions of Section 80089.1 authorizes the holder to teach that subject at any grade level; preschool, kindergarten, grades 1-12, or in classes organized primarily for adults;
 - (2) A supplementary authorization added under the provisions of Section 80089.2 authorizes the holder to teach at any grade level (preschool, kindergarten, grades 1-12, or in classes organized primarily for adults) only the subject matter content typically included for that subject in curriculum guidelines and textbooks for study in grades 9 and below.
- (c) Applicants who are progressing toward completion of supplementary authorization requirements as they existed on ~~September~~ July 1, 1993 ~~1996~~, shall have until ~~1996~~ July 1, 1998, to apply for said authorizations.

Note: Authority cited: Section 44225, Education Code. Reference: Sections 44256 and 44349, Education Code.

§80089.1. Subjects Added as Supplementary Authorizations (Specific Subjects).

(a) The following listed subjects may be added as supplementary authorizations to a valid teaching credential specified in Education Code Section 44256(a):

Accounting and bookkeeping including finance	Industrial crafts and plastics
Agricultural mechanic	Instrumental music
Animal science	<u>Interior design (home economics)</u>
Anthropology	Journalism
Auto mechanics	Literature
Biological Sciences	Marketing and distribution /entrepreneurship
Chemistry	Metals (industrial arts)
<u>Child development (home economics)</u>	Office services and related technologies <u>including word processing and business communications</u>
<u>Clothing and textiles (home economics)</u>	Ornamental horticulture
Community and family health, including drug use and abuse	Painting and drawing
Comparative political systems and international relations	Photography
Computer concepts and applications	Physics
Consumer education (home economics)	Plant science
Crafts, including jewelry and ceramics (art)	Plastics (industrial arts)
Dance	Psychology
Drafting	Sociology
Drama	Speech
Economics	US Government and US Civics
Economic and consumer education	US History and California History
Electronics	Vocal Music
English Composition	Woods (industrial arts)
<u>Family life and parenting (home economics)</u>	World History
<u>Family life education including drug, alcohol and tobacco use prevention (health science)</u>	
<u>Food and nutrition (home economics)</u>	
Forestry and horticulture	
Geography	
Geosciences	
Graphic Arts	

(b) A supplementary authorization in a specific subject of Science may be added to a valid teaching credential specified in Education Code Section 44256(a). The course of study for

Biological Sciences or Chemistry or Geosciences or Physics must include each of the components for that area. One of the courses must include a laboratory component.

- (1) Biological Sciences, including: Molecular and Cellular Biology, Biology of Organisms, and Evolution.
 - (2) Chemistry, including: Structure and Stability, and Chemical Reactions.
 - (3) Geosciences, including: Astronomy, Geology, Meteorology and Oceanography.
 - (4) Physics, including: Energy - Mechanics, Energy - Heat Energy - Electricity and Magnetism, Wave Motion and Atomic and Nuclear Physics.
- (c) A supplementary authorization in each of the specific subjects of Child development (home economics), Clothing and textiles (home economics), Food and nutrition (home economics), and Interior design (home economics) must include a laboratory component.
- (d) A supplementary authorization in the specific subject of Family life education including drug, alcohol, and tobacco use prevention (health science) must include the following components: sexually transmitted diseases including HIV/AIDS, human development and human sexuality, parenting education, violence prevention, and drug, alcohol and tobacco use prevention and cessation.

Note: Authority cited: Section 44225, Education Code. Reference: Sections 44256 and 44349, Education Code.

§80089.2. Subjects Added as Introductory Supplementary Authorizations.

- (a) Candidates seeking supplementary authorization in any language other than English shall, in addition to the requirements specified in Section 80089, submit verification of having either (1), (2), (3), or (4) below:
- (1) passed the oral language portion of the Bilingual Certificate of Competence Examination in the language to be listed on the credential. Such verification shall be in the form of a letter from any institution or other educational agency, approved by the Commission as an assessor agency for the Bilingual Certificate of Competence. Whenever a written assessment instrument for a language other than Spanish is not available, a panel may be used by assessor agencies to assess a candidate's knowledge of the target language competencies, in accordance with Commission guidelines regulating assessment for languages other than Spanish, or
 - (2) passed the speaking and listening sections of Test 6 of the Crosscultural Language and Academic Development/Bilingual Crosscultural Language and Academic Development (CLAD/BCLAD) Examinations described in Section 80015.3 in the language to be listed on the credential; or
 - (3) oral proficiency in the language to be listed on the credential at a level equivalent to that of a person with a bachelor's degree with a major in that language. This level of proficiency shall be verified by a letter from the Chair of the Language Department of a regionally accredited 4 year college or university; or
 - (4) oral proficiency in the language to be listed on the credential at the level required to complete a Bilingual Emphasis or Bilingual Crosscultural Language and Academic Development (BCLAD) Emphasis Credential Program as verified by a letter from a person authorized to issue such verification by the college or university that offers such a program.

- (b) The following listed subjects may be added as introductory supplementary authorizations to a valid teaching credential specified in Education Code Section 44256(a).
- (1) Introductory Agriculture, including at least one course in each of the following areas: animal science, plant science, and agricultural mechanics;
 - (2) Introductory Art, including at least one course in each of the following areas: drawing and painting, art history or appreciation, and crafts;
 - (3) Introductory Business, including at least one course in each of the following areas: office or secretarial skills, business management, business marketing or introduction to business, computer concepts and applications, economics, business communications or business English, and accounting or bookkeeping;
 - (4) Introductory English, including at least one course in each of the following areas: composition, literature, and grammar or language structure;
 - (5) Introductory Language Other Than English (Specify), including at least one course in the language covering each of the following areas: grammar, composition, conversation, and literature;
 - (6) Introductory Health Sciences, including at least one course in each of the following areas: substance abuse (including alcohol, drug, and tobacco), family health, life education (including human sexuality, HIV/AIDS, and sexually transmitted diseases), nutrition, comprehensive school health systems or programs, and health education theory, behavior, or foundations;
 - (7) Introductory Home Economics, including at least one course in each of the following areas: foods or and nutrition, clothing, child development, and family life and parenting;
 - (8) Introductory Industrial Arts, including at least one course in each of the following areas: drafting or graphic arts, woods or metals, and electricity or electronics;
 - (9) Introductory Mathematics, including at least one course in each of the following areas (all course work shall be at least at a level for which intermediate algebra is a prerequisite): college algebra, geometry, and development of the real number system or introduction to mathematics; or three courses in calculus or other mathematics courses for which algebra and geometry are prerequisites;
 - (10) Introductory Music, including at least one course in each of the following areas: vocal music, instrumental music, music history or appreciation, and music theory;
 - (11) Introductory Physical Education, including at least one course in each of the following areas: team sports and games; fundamental and creative movement skills (such as dance and gymnastics); human movement, motor development, and/or motor learning; and individual, dual, nontraditional and global sports and games (such as aquatics, conditioning, and archery);
 - (12) Introductory Science, including at least one course in each of the following areas: biological sciences, chemistry, geosciences, and physics; and
 - (13) Introductory Social Science, including at least one course in each of the following areas: United States history, California history, world history, geography, and United States government.
- (c) Introductory Home Economics Supplementary Authorizations must include a laboratory component in one of the listed subject areas. The course of study must cover both subject areas of food and nutrition but a single course may be used to meet the

requirement. The course of study must cover both subject areas of family life and parenting, but a single course may be used to meet the requirement.

- ~~(e)~~ (d) Introductory Science Supplementary Authorizations Authorized by 80089.2(b)(12) shall include a one year sequence of courses in at least two of the listed subject areas. At least one course must include a laboratory component.

NOTE: Authority cited: Section 44225, Education Code. Reference: Sections 44256 and 44349, Education Code.

COMMISSION ON TEACHER CREDENTIALING

Box 944270
Sacramento, California 94244-2700
(916) 445-7254



OFFICE OF THE EXECUTIVE DIRECTOR

Attn: Sam W. Swofford, Ed.D., Executive Director

Title: **SUPPLEMENTARY AUTHORIZATIONS**
Section Nos.: Proposed amendments to
Sections 80057.5, 80089, 80089.1, and 80089.2

Response to the Attached Title 5 Regulations

So that the Commission on Teacher Credentialing can more clearly estimate the general field response to the attached Title 5 Regulations, please return this response form to the Commission office at the above address by 5 pm on July 5, 1996, in order that the material can be presented at the July 18, 1996, public hearing.

- 1. **Yes**, I agree with the proposed Title 5 regulations. Please count me in favor of these regulations.
- 2. **No**, I do not agree with the proposed Title 5 Regulations for the following reasons:
(If additional space is needed, use the reverse of this sheet.)

- 3. Personal opinion of the undersigned and/or
- 4. Organizational opinion representing: (Circle One)
School District, County Schools, College, University, Professional Organization, Other
- 5. I shall be at the public hearing, place my name on the list for making a presentation to the Commission.
- 6. No, I will not make a presentation to the Commission at the public hearing.

Signature: _____ Date: _____

Printed Name: _____

Title: _____ Phone: _____

Employer/Organization: _____

Mailing Address: _____