

*California  
Commission on Teacher Credentialing*

*Meeting of  
October 1-2, 2003*

AGENDA ITEM NUMBER: GS – 10-C

COMMITTEE: General Session

TITLE: Regulations to Implement August Agenda Item 10-B Action Regarding Degree Authorizations

X Action

\_\_\_\_\_ Information

**Strategic Plan Goal(s) :**

Provide leadership in exploring multiple, high quality routes to prepare professional educators for California's schools.

Presented By: Dale Janssen

Prepared By:

\_\_\_\_\_  
Terri H. Fesperman, Assistant  
Consultant, Certification, Assignment  
and Waivers Division

Date: 09/11/03

Approved By:

\_\_\_\_\_  
Dale A. Janssen, Director  
Certification, Assignment and  
Waivers Division

Date: 09/11/03

Authorized By:

\_\_\_\_\_  
Sam W. Swofford, Ed.D.  
Executive Director

Date: 09/11/03



# **Regulations to Implement August Agenda Item 10-B Action Regarding Degree Authorizations**

**September 11, 2003**

## **Summary**

This item proposes amendments, deletions, and additions to sections of Title 5 of the California Code of Regulations pertaining to supplementary and degree authorizations.

## **Fiscal Impact**

There will be a minor cost to the agency related to disseminating the information to school districts and county offices of education and holding a public hearing. Such costs are contained within the budget of the Certification, Assignment and Waivers Division.

## **Policy Issues to be Resolved**

Should the Commission amend and delete Title 5 Sections concerning supplementary authorizations and add sections concerning degree authorizations?

## **Recommendation**

Staff recommends that the Commission approve the amendments, deletions, and additions to Title 5 of the California Code of Regulations pertaining to supplementary and degree authorizations for purposes of beginning the rulemaking file for submission to the Office of Administrative Law and scheduling a public hearing.

## **Background**

Currently, the Commission issues two types of supplementary authorizations that may be added to multiple subject and single subject teaching credentials. The Commission has issued supplementary authorizations for single subject credentials since 1979 and multiple subject credentials since 1981. Introductory Supplementary Authorizations authorize the holder to teach the supplementary subject in grades 9 and below and Specific Supplementary Authorizations which may only be added to single subject credentials, authorize teaching the specific subject in grades preschool, K-12 and classes organized primarily for adults.

In addition to the basic teaching credential, a supplementary authorization requires the completion of 20 semester or 10 upper division semester units, or equivalent quarter units, of course work in the subject requested. Specific Supplementary Authorizations require all of the 10 or 20 unit requirement be in the specific subject requested. The Introductory Supplementary Authorizations require at least one course in specified areas within the 10 or 20-unit requirement in courses within the broad subject category. For example, in the area of English an individual must have at least one course in grammar, composition, and literature. An individual may also qualify by having a college major from a regionally accredited college or university in a subject directly related to the subject to be listed.

One of the skill sets to be a “highly qualified” teacher as defined in No Child Left Behind (NCLB) is subject matter competence. Since supplementary authorizations do not require an individual to hold a degree in the subject area of the supplementary authorization, those supplementary subject areas that fall under the NCLB core academic subject areas will not be NCLB compliant unless the holder qualified by holding a degree in the subject area.

At its August meeting, the Commission took action to realign certification programs and processes to the State Board's Plan and NCLB by directing staff to develop a new Degree Authorization in NCLB core academic subjects. This authorization meets the NCLB requirements for teachers in middle and high schools by either requiring a major in the subject to be taught or 32 semester units in the subject area. As a result of Commission direction, staff is proposing changes to four sections of Title 5 Regulations concerning supplementary authorizations and the addition of two sections for degree authorizations.

### **Proposed Amendment and Deletion to Sections Concerning Supplementary Authorizations**

There are currently four sections of Title 5 Regulations concerning supplementary authorizations. Staff is proposing a revision to all the sections. Two sections will be combined into one section. This will be done by deleting Section 80057.5 and combining it into Section 80089.2. Section 80089 will be deleted and the requirements and authorization listed in this section will be divided into Sections 80089.1 and 80089.2.

#### **~~§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.
- (e) 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: business management, business marketing or introduction to business, computer concepts and applications, economics, business communications or business English, and accounting;
  - (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 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: food 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.
- (e) Science Supplementary Authorizations Authorized by 80057.5(e)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.
- (f) A subject specified in subsection (e) and listed on a teaching credential specified 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.
- (g) Applicants who are progressing towards completion of supplementary authorization requirements as they existed on July 1, 1996, shall have until July 1, 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.~~
- ~~(e) Applicants who are progressing towards completion of supplementary authorization requirements as they existed on July 1, 1996, shall have until July 1, 1998, to apply for said authorizations.~~

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

The proposed changes to Section 80089.1 includes portions of Section 80089 that are being deleted as noted above. The proposed amendments to Title 5 §80089.1 clarify the changes to specific supplementary authorizations added to single subject credentials with the elements summarized below:

- Revised subsections (a), (a)(1) and (a)(2) include the requirements for the specific supplementary authorization that may be added to single subject credentials that previously were in Section 80089. Subsection (a) includes a definition for “equivalent quarter hours” to add clarity that quarter hours may also be used to meet the requirements.
- Revised subsection (b) includes the list of specific supplementary authorizations. Deleted from the list are all subjects that fall within the federal core academic subject areas. Two typographical errors are being corrected, one in the subject agricultural mechanics to add the “s” to the word mechanics and the other to delete the subject of metals (industrial arts) which is listed twice in the regulations.
- The requirements for a science supplementary authorization is deleted from the previous subsection (b) as the science subject areas were deleted from the list of available subjects.
- Subsection (e) adds the authorization that was previously in Section 80089.

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

- (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 subsection (b), added as a supplementary authorization. Equivalent quarter hours may be used to meet the semester hour requirement. The candidate or an approved institution shall verify completion of either (1) or (2) below:
- (1) a collegiate major from a regionally accredited college or university in a subject directly related to each subject listed in subsection (b), or
  - (2) 20 semester hours or 10 upper division semester hours of non-remedial collegiate coursework in a subject listed in subsection (b). A grade of "C" 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.

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

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

(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.
- (e) A subject specified in subsection (b) authorizes the holder to teach that subject at any grade level; preschool, kindergarten, grades 1-12, or in classes organized primarily for adults.

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

Section 80089.2 combines the introductory supplementary authorization requirements and authorization into one section by adding in portions of Section 80057.5 and Section 80089 that were deleted as noted above. The proposed amendments to Title 5 §80089.2 clarify the changes to introductory supplementary authorizations added to multiple and single subject credentials with the elements summarized below:

- Revised subsections (a), (a)(1) and (a)(2) include the requirements for the introductory supplementary authorization that may be added to multiple and single subject credentials that previously were in Sections 80057.5 and 80089. Subsection (a) includes a definition for “equivalent quarter hours” to add clarity that quarter hours may also be used to meet the requirements.
- Previous subsection (a) which listed the oral language proficiency requirement is being deleted because the subject area of Languages Other than English will be deleted from subsection (b) as foreign language is a federal core academic subject area.
- Subsection (b) contains the list of introductory supplementary authorizations. Deleted from the list are all subjects which are federal core academic subject areas including art, English, languages other than English, mathematics, music, science, and social science. Added to the list in new subsection (3) is the subject of Computer Concepts and Applications which was listed in Section 80057.5. Adding this subject will allow holders of single subject credentials to earn this subject area in addition to the multiple subject credential holder.
- Wording previously in subsection (c) was added to subsection (b)(5) since it directly relates to supplementary authorizations in home economics. Revised subsection (c) adds the authorization that was previously in Section 80089 and is reworded to add clarity.
- Subsection (d) is being deleted since the science subject area is being deleted from new subsection (b).

**§80089.2. Subjects Added as Introductory Supplementary Authorizations.**

(a) The holder of a valid teaching credential specified in Education Code Section 44256(a) and (b) may have one or more of the subjects listed in subsection (b), added as a supplementary authorization. Equivalent quarter hours may be used to meet the semester hour requirement. The candidate or an approved institution shall verify completion of either (1) or (2) below:

- (1) a collegiate major from a regionally accredited college or university in a subject directly related to each subject listed in subsection (b), or
- (2) 20 semester hours or 10 upper division semester hours of non-remedial collegiate coursework in a subject listed in subsection (b). A grade of "C" 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.

~~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) and (b).

- (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: business management, business marketing or introduction to business, computer

- concepts and applications, economics, business communications or business English, and accounting;
- (3) 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;
- (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) (4) Introductory Health Sciences, including at least one course in each of the following areas: substance abuse (including alcohol, drug, and tobacco), family 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) (5) Introductory Home Economics, including at least one course in each of the following areas: food and nutrition, clothing, child development, and family life and parenting and 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;
- (8) (6) 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; and
- (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) (7) 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.~~

A subject specified in subsection (b) as an introductory supplementary authorization authorizes the holder to teach only the subject matter content typically included for that subject in curriculum guidelines and textbooks for study in grades 9 and below to students in preschool, kindergarten, grades 1-12, or in classes organized primarily for adults.

- ~~(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.

### **Proposed Addition to Regulations for the Degree Authorization**

Two sections being proposed add the requirements and authorization for introductory and specific degree authorizations. First, staff is proposing to add Title 5 §80089.3 to define the introductory degree authorization with the elements summarized below:

- Subsection (a) lists the appropriate prerequisite credential as a multiple or single subject credential. The definition for “equivalent quarter hours” adds clarity that quarter hours may also be used to meet the requirements.
- Subsection (a)(1) lists one of the options to meet the requirement by completion of a degree in the subject or related subject from a regionally accredited university. Completion of a degree in a subject area is one of the methods of verifying subject matter competence for NCLB.
- Subsections (a)(2) lists one of the options to meet the requirements by completion of 32 semester units including 16 upper division units with course work in content areas. The requirements regarding the grade required for course work to qualify for a degree authorization and the definition for non-remedial course work is also listed. Thirty-two semester hours is deemed to meet the degree requirement for NCLB.
- Subsection(b) includes the list of introductory degree authorization subject areas that may be added to multiple or single subject credentials. Also included is a list of the content areas within each broad subject area. The list of subject areas are the federal core academic subject areas in NCLB.
- Subsection (c) is the authorization for the introductory degree authorization which is aligned with the authorization for introductory supplementary authorizations.

### **Title 5 80089.3. Introductory Degree Authorizations**

- (a) The holder of a valid teaching credential specified in Education Code Section 44256(a) and (b) may have one or more of the subjects listed in subsection (b) added as an introductory degree authorization. Equivalent quarter hours may be used to meet the semester hour requirement. The candidate shall verify completion of either (1) or (2) below:

- (1) a collegiate major from a regionally accredited college or university in a subject or in a subject directly related to each subject from subsection (b) to be listed, or
  - (2) 32 semester hours of non-remedial collegiate course work with a minimum of 16 upper division semester hours in a subject listed in subsection (b). Included within the 32 semester hours is a minimum of three semester hours in each of the specific content areas listed for the subject in subsection (b). A grade of "C" or above in any course used to meet the provisions of this subsection 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) The following subjects may be added as introductory degree authorizations to a valid teaching credential specified in Education Code Section 44256(a) and (b):
- (1) Art, with the content areas of drawing and painting, art history or appreciation, and crafts;
  - (2) English with the content areas of grammar or language structure, advanced composition, speech, theatre or drama, and literature;
  - (3) A Language Other Than English (specify) with the content areas of grammar, composition, culture, conversation, and literature;
  - (4) Mathematics with the content areas of algebra, advanced algebra, geometry, probability or statistics, and development of the real number system or introduction to mathematics;
  - (5) Music with the content areas of vocal music, instrumental music, music history or appreciation, and music theory;
  - (6) Science with the content areas of biological sciences, chemistry, geosciences, and physics; and
  - (7) Social Science with the content areas of United States history, California history, world history, world civilization or world cultures, physical geography, and United States government.
- (c) A subject specified in subsection (b) as an introductory degree authorization authorizes the holder to teach only the subject matter content typically included for that subject in curriculum guidelines and textbooks for study in grades 9 and below to students in preschool, kindergarten, grades 1-12, or in classes organized primarily for adults.

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

Second, staff is proposing to add Title 5 §80089.43 to define the specific degree authorization with the elements summarized below:

- Subsection (a) lists the appropriate prerequisite credential as a multiple or single subject credential. The definition for “equivalent quarter hours” adds clarity that quarter hours may also be used to meet the requirements.
- Subsection (a)(1) lists one of the options to meet the requirement by completion of a degree in the subject or related subject from a regionally accredited university. Completion of a degree in a subject area is one of the methods of verifying subject matter competence for NCLB.
- Subsections (a)(2) lists one of the options to meet the requirements by completion of 32 semester units including 16 upper division units with course work in content areas. The requirements regarding the grade required for course work to qualify for a degree authorization and the definition for non-remedial course work is also listed. Thirty-two semester hours is deemed to meet the degree requirement for NCLB.
- Subsection(b) includes the list of specific degree authorization subject areas that may be added to multiple or single subject credentials. Also included is a list of the content areas within each broad subject area. The list includes the subject areas that are federal core academic subject areas for NCLB.
- Subsection (c) is the authorization for the specific degree authorization aligned with the authorization for a specific supplementary authorizations.

**Title 5 80089.4. Specific Degree Authorizations.**

(a) The holder of a valid teaching credential specified in Education Code Section 44256(a) and (b) may have one or more of the subjects listed in subsection (b) added as a specific degree authorization. Equivalent quarter hours may be used to meet the semester hour requirement. The candidate shall verify completion of either (1) or (2) below:

- (1) a collegiate major from a regionally accredited college or university in a subject directly related to each subject from subsection (b) to be listed, or
- (2) 32 semester hours of non-remedial collegiate course work with a minimum of 16 upper division units directly related to the requested subject listed in subsection (b). A grade of "C" or above in any course used to meet the provisions of this subsection 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) The following subjects may be added as specific degree authorization to a valid teaching credential specified in Education Code Section 44256(a) and (b):

<u>Civics/Government</u>	<u>Graphic Arts</u>
<u>Dance</u>	<u>History</u>
<u>Drama/Theatre</u>	<u>Instrumental Music</u>
<u>Economics (social science)</u>	<u>Language Arts</u>
<u>English Composition</u>	<u>Literature</u>
<u>Geography</u>	<u>Painting and Drawing</u>

Vocal Music

- (c) A subject specified in subsection (b) as a specific degree authorization authorize holder to teach courses related to that subject in departmentalized classes in grades preschool and K-12.

NOTE: Authority cited: Section 44225, Education Code. Reference: Sections 44225(e), 44256, Education Code.