

## SUPPLEMENTARY AUTHORIZATIONS

### For Single Subject, Standard Secondary, and Special Secondary\* Teaching Credentials

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Holders of Single Subject, Standard Secondary, or Special Secondary\* Teaching Credentials may have one or more of the subjects listed below added to their credential as a supplementary authorization by verifying completion of the following requirements. Supplementary authorizations cannot be issued in any subject that falls within the statutory single subject category of an applicant's Single Subject Teaching Credential.

#### Requirements for the Holders of Single Subject, Standard Secondary, and Special Secondary\* Teaching Credentials

Applicants must satisfy **one** of the following requirements:

1. Official transcripts showing the completion of either 20 semester units (or 10 upper-division semester units) of non-remedial course work in the subject, completed at a regionally accredited community college, college, or university
  - 20 semester units are required if a combination of upper- and lower-division units are completed
  - the “Introductory” subjects require at least one course in each of the specified areas listed—the balance of the 10 or 20 units may be in any course within the subject category
  - a grade of “C” or higher is required in every course used to meet this requirement
  - education and education methodology classes and courses outside the subject area requested will not be counted unless the applicant can get a letter from the chair of the subject area department stating that the course is equivalent to one offered by that department
  - non-remedial courses are those which are applicable to a bachelor's degree or a higher degree at a regionally accredited college or university
2. A collegiate major from a regionally-accredited college or university in a subject directly related to the subject to be listed

#### Introductory Subjects

The subjects that may be listed on the credential are printed below in **bold**. To obtain a subject, the teacher must verify at least one course in each of the areas listed after that subject. These subjects authorize 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.

**Introductory Agriculture:** animal science, plant science, and agricultural mechanics

**Introductory Art:** drawing and painting, art history or appreciation, and crafts

**Introductory Business:** business management, business marketing or introduction to business, computer concepts and applications, economics, business communications or business English, and accounting

**Introductory English:** composition, literature, and grammar or language structure

**Introductory Language Other Than English (Specify):** grammar, composition, conversation, and literature, plus oral language proficiency. Information on verifying the oral language requirement may be found below.

**Introductory Health Science:** 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

**Introductory Home Economics:** food and nutrition, clothing, child development, and family life and parenting (Course of study must include course work in both food and nutrition, but the areas may be covered with one course; the same is true for the family life and parenting area; at least one course must include a laboratory component.)

**Introductory Industrial Arts:** drafting or graphic arts, woods or metals, and electricity or electronics

**Introductory Mathematics:** 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 intermediate algebra and geometry are prerequisites

**Introductory Music:** vocal music, instrumental music, music history or appreciation, and music theory

**Introductory Physical Education:** 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)

**Introductory Science:** biological sciences, chemistry, geosciences, and physics (The course work must include a one-year sequence of courses in at least two of the listed subject areas, and at least one course must include a laboratory component.)

**Introductory Social Science:** United States history, California history, world history, geography, and United States government

\*To be a valid prerequisite credential per California Education Code, Section 44256, the Special Secondary Teaching Credential must have been issued on the basis of at least a bachelor's degree, a student teaching requirement, and 24 semester units of course work in the subject specialty of the credential. Only Special Secondary Credentials in the subjects of Art, Business Education, Homemaking, Industrial Arts, Music, Physical Education, Speech Arts, and Vocational Agriculture meet this requirement.

## Specific Subjects

These subjects authorize the holder to teach the specific subject at any grade level (preschool, K–12 inclusive, and classes organized primarily for adults).

Accounting (including Finance)

Agricultural Mechanics

Animal Science

Anthropology

Auto Mechanics

Biological Sciences†

Chemistry†

Child Development (Home Economics)††

Clothing and Textiles (Home Economics)††

Comparative Political Systems and  
International Relations

Computer Concepts and Applications

Consumer Education (Home Economics)

Crafts, including Jewelry and Ceramics (Art)

Dance

Drafting

Drama

Economics

Economic and Consumer Education

Electronics

English Composition

Family Life and Parenting (Home Economics)

Family Life Education including Drug, Alcohol  
and Tobacco Use Prevention (Health Science)†††

Food and Nutrition (Home Economics)††

Forestry and Horticulture

Geography  
Geosciences†  
Graphic Arts  
Industrial Crafts and Plastics  
Instrumental Music  
Interior Design (Home Economics)††  
Journalism  
Literature  
Marketing/Entrepreneurship  
Metals (Industrial Arts)  
Office Technologies including Word Processing  
and Business Communications  
Ornamental Horticulture

Painting and Drawing  
Photography  
Physics†  
Plant Science  
Plastics (Industrial Arts)  
Psychology  
Sociology  
Speech  
US Government and US Civics  
US History and California History  
Vocal Music  
Woods (Industrial Arts)  
World History

† The specific subjects in science must include the components for that area as shown below. At least one course must include a laboratory component.

**Biological Sciences:** Molecular and Cellular Biology, Biology of Organisms, and Evolution

**Chemistry:** Structure and Stability, and Chemical Reactions

**Geosciences:** Astronomy, Geology, Meteorology, and Oceanography

**Physics:** Energy-Mechanics, Energy-Heat, Energy-Electricity & Magnetism, Wave Motion, and Atomic & Nuclear Physics

†† Subjects marked must include a laboratory component.

††† 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.

## Oral Language Proficiency

Oral language proficiency in the language to be listed on the credential may be verified by **one** of the following:

1. Passage of the speaking and listening sections of Test 6 of the Crosscultural Language and Academic Development/Bilingual Crosscultural Language and Academic Development (CLAD/BCLAD) Examinations, or passage of the Language and Communication subtest of the California Subject Examinations for Teachers (CSET) in Languages other than English (LOTE)
2. Obtain a letter from the chair of the Language Department of a regionally-accredited four year college or university stating that the applicant's oral proficiency is equivalent to that of a person with a bachelor's degree with a major in that language
3. Obtain a letter from the person authorized to issue verification at a college or university that has an approved Bilingual Authorization program stating that the applicant's proficiency in the language to be listed on the credential is equivalent to the level required to complete that program

## Supplementary Authorization in Portuguese

Teachers seeking a supplementary authorization in Portuguese may also fulfill the oral language proficiency requirement by verifying passage of the Bilingual assessment administered by the following Commission-approved assessor agency:

**Merced County Office of Education**  
**Office of Multilingual Multicultural Education**  
632 W. 13th Street  
Merced, CA 95340  
Contact person: Sharon Twitty  
(209) 381-6632

Merced County Office of Education cannot determine eligibility for, or provide additional information regarding, the issuance of supplementary authorizations. Please refer to the resources below for additional information.

### **Institutions Offering Specific Coursework for Supplementary Authorizations**

Individuals completing a sequence of approved coursework at the institutions listed below may obtain a supplementary authorization in the following subject areas:

**Computer Concepts and Applications:** University of California, Riverside Extension

**English:** University of California, Riverside Extension

**Graphic Arts:** University of California, Riverside Extension

**Mathematics:** University of California, Los Angeles  
California State University, Bakersfield  
University of California, Riverside Extension

**Science:** University of California, Riverside Extension

For more information, please contact the university.

### **Resources**

Additional information regarding the issuance of supplementary authorizations may be found in the [Supplementary Authorization Guideline Book](#) available on the Commission's website. You may also contact the Commission by email at [credentials@ctc.ca.gov](mailto:credentials@ctc.ca.gov).

*Reference: Title 5, California Code of Regulations 80089, 80089.1 and 80089.2*