The No Child Left Behind Act of 2001 (NCLB) requires that teachers hired to teach in Title I schools on or after July 1, 2002, and all teachers by July 1, 2006, be “highly qualified” or NCLB compliant in NCLB core academic subject areas. Effective January 1, 2005, additions to Title 5 Sections 80089.3 and 80089.4 allowed the Commission to issue Introductory and Specific Subject Matter Authorizations as another option to meet this requirement.

Introductory Subject Matter Authorizations
An Introductory Subject Matter Authorization authorizes the holder to teach the subject matter content typically included in curriculum guidelines and textbooks approved for study in grades 9 and below. This allows an employer to assign a teacher with an Introductory Subject Matter Authorization to teach a class in which the curriculum is for grades 9 and below but the students in the class may be in grades K-12.

Introductory Subject Matter Authorizations are available in the following subjects:
- **Art** - must include course work in the content areas of art history including aesthetics and appreciation, two-dimensional art including drawing, painting, and printmaking, three-dimensional art including sculpture and ceramics, and photography/computer generated imagery
- **English** - must include course work in the content areas of grammar or language structure, advanced composition, speech, drama or theatre, and literature
- **A Language Other Than English (specify)** - must include course work in the content areas of grammar, composition, culture, conversation, and literature
- **Mathematics** - must include course work in the content areas of algebra, advanced algebra, geometry, probability or statistics, and development of the real number system or introduction to mathematics
- **Music** - must include course work in the content areas of vocal music including the analysis of repertoire and literature appreciation for developing musicians, instrumental music including the analysis of repertoire and literature appreciation for developing musicians, aural musicianship, keyboard, music history including music appreciation, world music, conducting and music theory
- **Science** - must include course work in the content areas of biological sciences, chemistry, geosciences, and physics
- **Social Science** - must include course work in the content areas of United States history, California history, world history, world civilization or world cultures, physical geography, and United States government

Introductory Subject Matter Authorizations may be added to the following credentials:
- Single Subject Teaching Credential
- Multiple Subject Teaching Credential
- Standard Elementary Teaching Credential
- Standard Secondary Teaching Credential
- Special Secondary Teaching Credential (in academic subjects only)

To qualify, individuals must satisfy all of the following requirements:
1. possess a valid prerequisite teaching credential
2. complete one of the following:
   a. 32 semester units (48 quarter units) of non-remedial course work in the subject, including a minimum of three semester or four quarter units of course work in each content area. The balance of the units may be in any course within the subject category. (Exception: the subject of Science requires at least six semester or
eight quarter units in each of the four science content areas [biological sciences, chemistry, geosciences, and physics]), or
b. a degree major from a regionally-accredited college or university in a subject directly related to the subject to be listed on the credential
3. submit a completed application (form 41-4) and current processing fee

Specific Subject Matter Authorizations
A Specific Subject Matter Authorization authorizes the holder to teach the specific subject in grades preschool, K-12, and classes organized primarily for adults.

Specific Subject Matter Authorizations are available in the following subjects:
- Art History/Appreciation
- Biological Sciences
- Chemistry
- Civics/Government
- Dance
- Drama/Theatre
- Economics (social science)
- English Composition
- Geography
- Geosciences
- History
- Instrumental Music
- Literature
- Photography
- Physics
- Plant Science
- Three-Dimensional Art
- Two-Dimensional Art
- Vocal Music

Specific Subject Matter Authorizations may be added to the following credentials:
- Single Subject Teaching Credential
- Multiple Subject Teaching Credential
- Standard Elementary Teaching Credential
- Standard Secondary Teaching Credential
- Special Secondary Teaching Credential (in academic subjects only)

To qualify, individuals must satisfy all of the following requirements:
1. possess a valid prerequisite teaching credential
2. complete one of the following:
   a. 32 semester units (48 quarter units) of non-remedial course work (Exception: the subject of History requires a minimum of 16 semester units in both world history and U.S. history.)
   b. a degree major from a regionally-accredited college or university in a subject directly related to the subject to be listed on the credential
3. submit a completed application (form 41-4) and current processing fee

Course Work Requirements
Acceptable course work must be:
- completed with a grade of “C” or better (“credit”, “passing”, or “satisfactory” grades are acceptable)
- applicable toward a bachelor’s degree or a higher degree (elective or non-elective, non-remedial)
- taken at a regionally-accredited institution
- granted regular quarter or semester hour credit
- from the subject department of the subject matter authorization being sought

The following course work may be used as long as it meets the criteria listed above:
- community college, correspondence, online, or extension course work
- advanced placement units (requires an official transcript of the course and written verification from the college or university admission or registrar’s office that the units were used towards a bachelor’s degree and are in the subject category of the requested subject matter authorization)
Unacceptable course work includes:

a. course work that is not applicable toward a bachelor’s degree or higher degree (remedial)
b. professional development or continuing education units
c. in-service training or workshops
d. education and education methodology course work unless a letter is provided by the chair of the subject area department stating that the course is equivalent to one offered by that department
e. course work from a department other than the subject matter authorization being sought unless a letter is provided from the chair of the subject area department stating that the course is equivalent to one offered by that department

For detailed information, including instructions for converting supplementary authorizations to subject matter authorizations, please refer to the Subject Matter Authorization Guideline Book, available on the Commission's website.

References: California Education Code, Section 44225, and California Code of Regulations, Title 5, Sections 80089.3 and 80089.4
INTRODUCTORY SUBJECT MATTER AUTHORIZATIONS -- WORKSHEET

Each authorization requires either a degree major directly related to the subject or 32 semester units (or 48 quarter units) directly related to the subject, including all specific content areas. Grade C or better is required for all coursework. The subject of science requires at least six semester units (or eight quarter units) in each of the specific content areas listed. See the Subject-Matter Authorization Guideline Book or leaflet CL-852 for additional information, both available on the Commission’s website at www.ctc.ca.gov.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Specific Content Areas</th>
<th>Total Units</th>
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<tbody>
<tr>
<td>Art</td>
<td>art history including aesthetics &amp; appreciation, 2-dimensional art, 3-dimensional art, photography/computer generated imagery</td>
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<td>English</td>
<td>grammar or language structure, advanced composition, speech, drama or theatre, literature</td>
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<td>grammar, composition, culture, conversation, literature</td>
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<tr>
<td>Mathematics</td>
<td>algebra, advanced algebra, geometry, probability or statistics, development of real number system or intro math</td>
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<tr>
<td>Music</td>
<td>vocal music including analysis of repertoire and literature appreciation for developing musicians, instrumental music including analysis of repertoire and music appreciation for developing musicians, aural musicianship, keyboard, music history including music appreciation, world music</td>
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<tr>
<td>Science</td>
<td>biological sciences, chemistry, geosciences, physics</td>
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<tr>
<td>Social Science</td>
<td>US history, California history, world history, world civilization or world cultures, physical geography, US government</td>
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(continued)
Each authorization requires either a degree major directly related to the subject or 32 semester units (or 48 quarter units) directly related to the subject. Grade C or better is required for all course work. The subject of History requires a minimum of 16 semester units in both world history and U.S. history. See the Subject-Matter Authorization Guideline Book or leaflet CL-852 for additional information, both available on the Commission’s website at www.ctc.ca.gov.

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<tr>
<th>Subject</th>
<th>Course work</th>
<th>Total Units</th>
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<tr>
<td>Art History/Appreciation</td>
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<td>Biological Sciences</td>
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<td>Civics/Government</td>
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<td>Drama/Theatre</td>
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<td>Economics (social science)</td>
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<td>English Composition</td>
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<td>Geography</td>
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<td>Instrumental Music</td>
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<tr>
<td>Vocal Music</td>
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Oral Language Proficiency

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

1. Pass the speaking and listening sections of Test 6 of the Crosscultural Language and Academic Development/Bilingual Crosscultural Language and Academic Development (CLAD/BCLAD) Examinations

2. Obtain a letter from the chair of the Language Department of a regionally-accredited 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 authorized person at a college or university that has an approved Bilingual Crosscultural Language and Academic Development (BCLAD) Emphasis Credential Program stating that the applicant's proficiency in that language 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 Certificate of Competence 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

No additional information regarding supplementary authorizations is available the Merced County Office of Education. For additional information regarding supplementary authorizations, contact the Commission’s Information Services Unit at (916) 445-7254.

Supplementary Authorization in Mathematics

The University of California, Los Angeles offers a Commission-approved subject matter preparation program for the Supplementary Authorization in Mathematics. For more information, please contact the university.

Reference: Title 5, California Code of Regulations 80089, 80089.1 and 80089.2
I am submitting the following courses to fulfill the requirements for a "Subject Matter Authorization" in

Subject

<table>
<thead>
<tr>
<th>INSTITUTION</th>
<th>TERM COMPLETED</th>
<th>DEPARTMENT AND COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>QUARTER UNITS</th>
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Total of _____ Quarter units or ________ Upper-division Quarter units.

Name __________________________________

First                          Last