



PROGRAM SPONSOR ALERT

Date: June 28, 2012

Number: 12-07

Subject: Meeting the Subject Matter and the Single Subject
Credential Pedagogy Requirements

Summary

This alert provides information about candidate options for meeting the subject matter requirement, as well as information on the content specific methodology requirement within the Single Subject Credential teacher preparation program.

Background

Each candidate working toward a Multiple Subject, Single Subject, or Education Specialist Teaching Credential must meet the subject matter requirement prior to daily student teaching or the recommendation for an intern credential. The subject matter requirement may be met by completion of a Commission-approved subject matter program or by passing the appropriate Commission-adopted examination(s). Approved subject matter programs are most often completed in conjunction with work toward a bachelor's degree.

Options for Satisfying the Subject Matter Requirement

Preliminary Multiple Subject Candidates

The candidate must take and pass the *California Subject Examination for Teachers: Multiple Subjects* examination. There is no approved program option for a Multiple Subject candidate.

Preliminary Education Specialist Candidates

The candidate must meet the subject matter by completion of a Commission-approved subject matter program or passage of a Commission-adopted examination(s) requirement in a No Child Left Behind core academic subject (see References).

Preliminary Single Subject Candidates

The candidate must meet the subject matter requirement by completion of a Commission-approved program or passage of a Commission-adopted examination(s). There are currently 22 content areas for which a candidate may meet the subject matter requirement for a single subject

teaching credential (see list below). If a candidate satisfies subject matter in more than one of the content areas, he or she should be recommended for the single subject teaching credential in all of the content areas for which subject matter is satisfied. The Single Subject Credential will specify the specific content area(s) met by the candidate.

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|---------------------------------------|--------------------------------------|
| • Agriculture | • World Languages (specify language) |
| • Art | • Mathematics |
| • Biological Sciences (Specialized)* | • Music |
| • Business | • Physical Education |
| • Chemistry (Specialized)* | • Physics (Specialized)* |
| • English | • Science: Biological Sciences |
| • Foundational-Level General Science | • Science: Chemistry |
| • Foundational-Level Mathematics | • Science: Geosciences |
| • Geosciences (Specialized)* | • Science: Physics |
| • Health Science | • Social Science |
| • Home Economics | |
| • Industrial and Technology Education | *No approved program option |

Teacher Preparation Program Pedagogy Requirement

Single Subject Methodology—Standard 8B

Within the approved teacher preparation program, each single subject candidate must successfully complete the methodology course(s) offered by the approved program and pass the Teaching Performance Assessment. The methodology course(s) must meet the content-specific requirements of Program Standard 8B which are aligned with the Commission-adopted Teaching Performance Expectations (TPEs). There are 13 content areas addressed in Standard 8B and in *TPE 1: Subject-Specific Pedagogical Skills for Single Subject Teaching Assignments*.

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|--------------------------|---|
| 1. English-Language Arts | 8. Health Science |
| 2. Mathematics | 9. Home Economics |
| 3. Science | 10. Industrial and Technology Education |
| 4. Social Science | 11. World Languages |
| 5. Agriculture | 12. Music |
| 6. Art | 13. Physical Education |
| 7. Business | |

Within two of the content areas listed above (mathematics and science) there is a single methodology requirement but there is more than one level of authorization or content area a candidate may earn. The specific authorization depends on what subject matter program the candidate completed or which examination(s) the candidate passed.

Mathematics—a candidate will earn a Foundational-Level Mathematics or a Mathematics teaching credential depending on the subject matter program the candidate completed or the examination(s) the candidate passed.

Science—an candidate may earn a full science credential in any of four content areas identified below, a more limited specialized science credential in any of four content areas identified below, or a limited general science credential by completing the content-specific methodology coursework and field experience in Science. The subject matter that the candidate verified is what determines which of the nine science authorizations should be on the single subject credential. For information on the specific science authorizations and the grade levels and content that each authorizes, please consult the Science Authorizations Chart—*link in the References Section of this PSA*.

Full Science	Specialized	Foundational-Level
Science: Biological Sciences	Biological Sciences (Specialized)	Foundational-Level
Science: Chemistry	Chemistry (Specialized)	General Science
Science: Geosciences	Geosciences (Specialized)	
Science: Physics	Physics (Specialized)	

To assist all approved single subject teacher preparation programs when considering the requirement to provide content-specific methodology coursework and field experiences for each candidate, the Commission held a technical assistance meeting on March 23, 2011. That webcast is archived and available from the link provided in the *References Section of this alert*.

CTC Online

It is essential that credential analysts recommending candidates for a single subject teaching credential (Intern and Preliminary) understand the distinction between meeting the subject matter requirement and the subject specific methodology. The submitter will select the methodology early in the process and identify how subject matter was satisfied. A Preliminary Single Subject Credential demonstration is available on the CTC Online Training page that moves step-by-step through the recommendation process. *Link to the CTC Online Training page is provided in the References section of this PSA.*

References

Single Subject

- Single Subject Content Areas: <http://www.ctc.ca.gov/credentials/leaflets/cl560c.pdf>
- Teaching Performance Expectations: <http://www.ctc.ca.gov/educator-prep/TPA-files/TPEs-Full-Version.pdf>
- Single Subject Methodology Broadcast—March 23, 2011: <http://www.ctc.ca.gov/educator-prep/webcasts.html>
- Science Authorizations Chart: <http://www.ctc.ca.gov/credentials/cig2/files/science-auths-chart.pdf> (This chart is in the CIG so the log in and password will be needed to access)

Education Specialist

- Subject-Matter Competence for the Education Specialist Credential: <http://www.ctc.ca.gov/educator-prep/special-education-docs/Subject-Matter-Chart.pdf>

List of Approved Programs

- Approved Subject Matter Programs: <http://www.ctc.ca.gov/credentials/cig2/approved-programs.html> (click on the first link provided)
- Approved Teacher Preparation Programs: <http://www.ctc.ca.gov/credentials/cig2/approved-programs.html> (click on the second link provided)

Examination Information

- Commission-adopted examinations, CSET webpage: <http://www.cset.nesinc.com/>

CTC Online

- Preliminary Single Subject Training Demonstration:
<http://www.ctc.ca.gov/credentials/cig2/ctc-online-training.html>

Contact Information

The Professional Services Division provides a full list of topic-specific dedicated email addresses as well as program areas with Commission staff member email addresses at the following link:
<http://www.ctc.ca.gov/educator-prep/PSD-contact.html>.