

## ADDING MATH AUTHORIZATIONS TO EXISTING CREDENTIALS

~Adding a Math credential to a Multiple or Single Subject credential~

Questions? Contact the Credential Analyst, Sherri Nakashima at [sherrin@csufresno.edu](mailto:sherrin@csufresno.edu)  
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Valid Credential held	Credential sought	Authorized Assignments	Requirements
Multiple Subject	Single Subject Math	All math courses up to and including Calculus	1) Subject matter competency by one of two routes: <ul style="list-style-type: none"> <li>• Passing CSET exams 211, 212 and 213. <a href="http://www.ctcexams.nesinc.com">www.ctcexams.nesinc.com</a>, or</li> <li>• Completion of approved Math subject matter program coursework (contact Math credential academic advisor)</li> </ul> 2) Three semester/four quarter unit math methodology course
Multiple Subject	Single Subject Foundational Level Math	All math courses up to and including Algebra II, probability and statistics	1) Passage of CSET examinations 211 and 212. 2) Three semester/four quarter unit Foundational Level math methodology course
Single Subject	Single Subject Math	All math courses up to and including Calculus	1) Subject matter competency by one of two routes: <ul style="list-style-type: none"> <li>• Passage of CSET examinations 211, 212 and 213, <u>or</u></li> <li>• Completion of approved Math subject matter program coursework.</li> </ul> 2) Three semester/four quarter unit math methodology course
Single Subject	Single Subject Foundational Level Math	All math courses up to and including Algebra II, probability and statistics	1) Subject matter competency by passing CSET examinations 211 and 212. 2) Three semester/four quarter unit Foundational Level math methodology course

~Other Math Authorizations That Can Be Added to a Multiple or Single Subject Credential~  
 Subject matter authorization and supplementary authorization are obtained by completing coursework only, NOT through CSET

<b>Subject Matter Authorization - 32 semester units (previously required for No Child Left Behind – no longer mandated)</b>			
<b>Added Authorization</b>	<b>Authorized Assignments</b>	<b>Grade Levels/Settings</b>	<b>Requirements</b>
<i>Subject Matter Authorization</i> added to a Multiple or Single Subject credential	Math content grades 9 and below (Algebra I and Geometry)	Departmentalized Classrooms—all grade levels	Completion of 32 semester units in specific areas of mathematics. All coursework must be at a level higher than intermediate algebra. <a href="http://www.ctc.ca.gov/credentials/leaflets/cl852.pdf">http://www.ctc.ca.gov/credentials/leaflets/cl852.pdf</a>
<b>Supplementary Authorizations - 10/20 units</b>			
<b>Added Authorization</b>	<b>Authorized Assignments</b>	<b>Grade Levels/Settings</b>	<b>Requirements</b>
<i>Supplementary Authorization</i> added to a Multiple Subject credential	Students grades 9 and below (Algebra I and Geometry)	Departmentalized Classrooms – Grades 9 and below	Completion of 10 upper division or 20 semester units in specific areas of mathematics. The 20 units can be a combination of upper and lower division units. All coursework must be at a level higher than intermediate algebra. <a href="http://www.ctc.ca.gov/credentials/leaflets/cl629.pdf">http://www.ctc.ca.gov/credentials/leaflets/cl629.pdf</a>
<i>Supplementary Authorization</i> added to Single Subject credential	Math content grades 9 and below (Algebra I and Geometry)	Departmentalized Classrooms – all grade levels	Completion of 10 upper division or 20 semester units in specific areas of mathematics. The 20 units can be a combination of upper and lower division units. All coursework must be at a level higher than intermediate algebra. <a href="http://www.ctc.ca.gov/credentials/leaflets/cl603.pdf">http://www.ctc.ca.gov/credentials/leaflets/cl603.pdf</a>