

State: CALIFORNIA	
Agency: Commission on Teacher Credentialing	
Website: www.ctc.ca.gov	
Contact Name: Tammy Duggan	
Title: Research Program Spec I	
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3.1 Which computing courses are offered in middle school?	No response
3.2 URL where middle school course standards can be found:	No response
3.3 Are any computing courses required in middle school?	No response
4.1 Which computing courses are offered in HS?	No response
4.2 URL where HS course standard can be found:	No response
5.1 What are the requirements for teaching AP CS?	No response
5.3 URL that shows teaching requirements for AP CS:	No response
5.4 What department is AP CS offered in?	No response
5.6 What type of grad requirements does an AP CS course fulfill?	No response
5.8 URL that shows grad requirements AP CS fulfills:	No response
6.1 What are the requirements for teaching IB CS?	No response
6.3 URL that shows teaching requirements for IB CS:	No response
6.4 What department is IB CS offered in?	No response
6.6 What type of grad requirements does an IB CS course fulfill?	No response
6.8 URL that shows what grad requirements IB CS fulfills:	No response
7.1 Does your state require students to demonstrate computer literacy in order to graduate?	No response
7.3 URL that explains the computer literacy requirement:	No response
8.1 For computing courses other than AP CS that include programming what teaching certification is required?	No response
8.3 For computing courses that do not include programming what teaching certification is required?	No response
8.5 Does your state offer any kind of certification, endorsement or license in computing?	No response
9.1 Describe the computing certificate/endorsement/license and what courses it allows a teacher to teach.	No response
9.2 URL for the requirements for computing certificate/endorsement/license:	No response
9.3 Is ongoing professional development required to keep this certification/endorsement/license?	No response
10.1 How satisfied are you with your state's computing teacher certification requirements?	No response
10.2 How well are computing teachers prepared to teach computing courses in your state?	No response
10.3 How important is it that students have computing knowledge?	No response