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Action

Public Hearing

Proposed Amendments to Title 5 of the California Code of Regulations Pertaining to the Supplementary Authorization in Computer Science

AGENDA INSERT

Executive Summary: This agenda item presents proposed amendments to Title 5 of the California Code of Regulations pertaining to the Supplementary Authorization in Computer Science. The proposed amendments also include general clean-up of the regulations section.

Recommended Actions:

Staff recommends that the Commission adopt the proposed amendments to the regulations pertaining to the Supplementary Authorization in Computer Science

Presenter: David Crable, Program Analyst,
Certification Division

Strategic Plan Goal

I. Educator Quality

- a) Maintain expectations for educator preparedness and performance that are responsive to the needs of California's diverse student population and promote 21st century teaching and learning.

October 2015

Proposed Amendments to Title 5 of the California Code of Regulations Pertaining to the Supplementary Authorization in Computer Science

Updated Tally of Responses

As of the close of the written comment period at 5:00 p.m. on October 5, 2015, the Commission had received the following response(s) to the public announcement:

Support

6 organizational opinions
10 personal opinions

Opposition

0 organizational opinions
2 personal opinions

Total Responses: 18

The Commission received fourteen additional responses to the proposed regulations since publication of the original 1I agenda item. These are provided below:

Written Responses Representing Organizations in Support: 5

1. Alliance for California Computing Education for Students and Schools (ACCESS)
2. Children Now
3. Code.org
4. California STEM Learning Network
5. UC Riverside Extension

Written Responses Representing Individuals in Support: 8

1. Marsha Moroh, Dean of College of Science, CSU Monterey Bay
2. Alice Flores, Regional Director CalStateTEACH
3. Daniel W. Lewis, Associate Professor, Santa Clara University
4. Miguel Lara, Assistant Professor, CSU Monterey Bay
5. Angelo Collins, Associate Dean, Santa Clara University
6. Harry H. Chang, UC Davis C-STEM Center Director and Professor
7. Dr. Ignatios Vakalis, Chair, Department of Computer Science, CalPoly, San Luis Obispo
8. Diana Franklin, Director of Computer Science Education, University of Chicago

Written Responses Representing Individuals in Opposition: 1

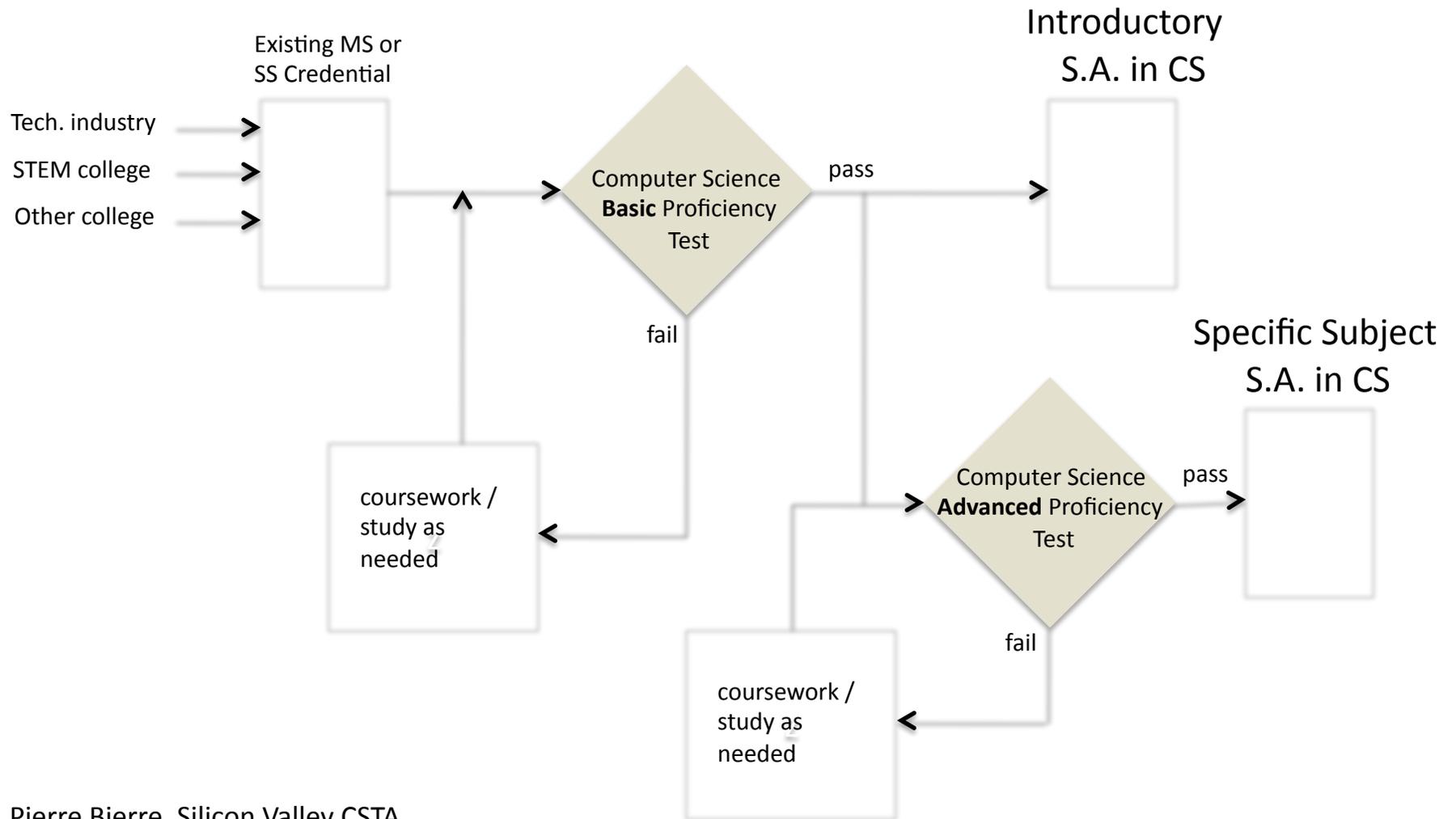
1. Pierre Bierre, President 2013-2015, Silicon Valley Computer Science Teachers Association

Comment: Making teachers go back to college for coursework is **more burdensome** than allowing them to pass a Proficiency Test. (See Attachment A)

Response: Current statute (EC §44256) makes no provision for examinations to be used to obtain any type of Supplementary Authorization. All Supplementary Authorizations require the completion of a minimum number of semester units of coursework in the desired content area. Therefore, the Commission at this time has no authority to make provision for a proficiency test to obtain this type of authorization.

Under the current process, to obtain the Supplementary Authorization in Computer Concepts and Applications, or any Supplementary Authorization for that matter, it is necessary for the educator to complete at least 20 lower division semester units of coursework (or at least 10 upper division semester units of coursework) in the specific content area. In moving to the revised Supplementary Authorization in Computer Science, the educator will be required to complete the same number of semester units of coursework. It is just that the coursework to be completed would be different, targeting the specific courses that would allow the educator to truly meet the challenge of being prepared to teach meaningful computer science content.

Supplemental Authorization for Computer Science – a less burdensome process using professionally-designed Proficiency Tests



Pierre Bierre, Silicon Valley CSTA