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HOUSE BILL 2160

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State of Washington                      62nd Legislature                      2011 2nd Special Session

By Representatives Maxwell, Dammeier, Springer, Pettigrew, Sullivan, Sells, Orwall, Hansen, Probst, Carlyle, Jinkins, Billig, Lytton, and Dahlquist; by request of Governor Gregoire

Read first time 12/08/11. Referred to Committee on Education.

1            AN ACT Relating to revised standards and assessments for teacher  
2 certification integrating STEM knowledge and skills; adding new  
3 sections to chapter 28A.410 RCW; and creating a new section.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5            NEW SECTION.    **Sec. 1.** A new section is added to chapter 28A.410  
6 RCW to read as follows:

7            The professional educator standards board shall, in its regular  
8 review and revision of teacher certification standards as required by  
9 RCW 28A.410.210, revise standards for the elementary education  
10 endorsement and middle level and secondary mathematics and science  
11 teacher endorsements as well as other subject area endorsements with  
12 STEM-related components. Standards revisions related to mathematics  
13 shall be adopted by September 1, 2013. Standards revisions related to  
14 science shall be adopted by September 1, 2014. The revised standards  
15 shall include the integration of science, technology, engineering, and  
16 mathematics (STEM) knowledge and skill and be aligned, as appropriate,  
17 with common core mathematics standards, the 2009 revision of state  
18 mathematics student learning standards and performance expectations,  
19 the biology end-of-course assessment, and the 2012 student science

1 learning standards developed from the conceptual framework for science  
2 education and next generation standards and related student performance  
3 expectations. In addition to appropriate mathematics and science  
4 content, the endorsement standards must also include the concepts and  
5 instructional practices of the interdisciplinary connections with  
6 engineering and technology.

7 NEW SECTION. **Sec. 2.** A new section is added to chapter 28A.410  
8 RCW to read as follows:

9 (1) The professional educator standards board shall revise  
10 assessments for prospective teachers and teachers adding subject area  
11 endorsements required for teacher certification under RCW 28A.410.220  
12 to measure the revised standards in section 1 of this act.

13 (2) In implementing the evidence-based assessment of teaching  
14 effectiveness under RCW 28A.410.280, the professional educator  
15 standards board shall require that successful candidates for the  
16 residency certificate demonstrate effective subject specific  
17 instructional methods that address the revised standards.

18 NEW SECTION. **Sec. 3.** The professional educator standards board  
19 shall revise certificate renewal rules for teachers at the elementary  
20 and secondary levels in STEM-related subjects by September 1, 2014.  
21 The revised rules shall include the requirement that continuing  
22 education or professional growth plans for these teachers include a  
23 specific focus on the integration of science, mathematics, technology,  
24 and engineering instruction.

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