SHB 1472 - S COMM AMD
By Committee on Ways & Means

ADOPTED 04/16/2013

1   Strike everything after the enacting clause and insert the
2 following:

3   "NEW SECTION. **Sec. 1.** (1) The legislature finds that:
4   (a) Through such initiatives as grants for high-demand career and
5 technical education programs and participation in the Microsoft IT
6 academy, the state has previously supported K-12 computer science
7 education;
8   (b) However, even though there were nearly sixty-five thousand
9 student enrollments in high school computer science courses in the
10 2011-12 school year, more than half of those enrollments were in
11 beginning or exploratory courses. Fewer than twelve hundred students
12 enrolled in AP computer science courses;
13   (c) National studies of K-12 computer science education indicate
14 that, in part because computer science is not treated as an academic
15 subject, students may not perceive advanced computer science as
16 relevant to their future academic or career success;
17   (d) Public institutions of higher education have expanded capacity
18 to grant certificates and degrees in computer science and related
19 fields in response to high employer demand and high student demand.
20 Additional expansion and improvement will be dependent on new
21 resources, updated equipment, and the availability of expert faculty;
22   (e) Information technology job vacancies exist at all levels of
23 training and education and across all industries that are critical to
24 Washington's economy; and
25   (f) Strategies are needed to support additional opportunities for
26 Washington students to have careers in the innovative, technology-based
27 or technology-enhanced industries located in our state.
28   (2) Therefore the legislature intends to take additional steps to
29 improve and expand access to computer science education, particularly

1   in advanced courses that could prepare students for careers in the
2   field.

3   **Sec. 2.** RCW 28A.230.097 and 2008 c 170 s 202 are each amended to
4   read as follows:
5   (1) Each high school or school district board of directors shall
6   adopt course equivalencies for career and technical high school courses
7   offered to students in high schools and skill centers. A career and
8   technical course equivalency may be for whole or partial credit. Each
9   school district board of directors shall develop a course equivalency
10 approval procedure. Boards of directors must approve AP computer
11 science courses as equivalent to high school mathematics or science,
12 and must denote on a student's transcript that AP computer science
13 qualifies as a math-based quantitative course for students who take the
14 course in their senior year. In order for a board to approve AP
15 computer science as equivalent to high school mathematics, the student
16 must be concurrently enrolled in or have successfully completed algebra
17 II.
18   (2) Career and technical courses determined to be equivalent to
19 academic core courses, in full or in part, by the high school or school
20 district shall be accepted as meeting core requirements, including
21 graduation requirements, if the courses are recorded on the student's
22 transcript using the equivalent academic high school department
23 designation and title. Full or partial credit shall be recorded as
24 appropriate. The high school or school district shall also issue and
25 keep record of course completion certificates that demonstrate that the
26 career and technical courses were successfully completed as needed for
27 industry certification, college credit, or preapprenticeship, as
28 applicable. The certificate shall be either part of the student's high
29 school and beyond plan or the student's culminating project, as
30 determined by the student. The office of the superintendent of public
31 instruction shall develop and make available electronic samples of
32 certificates of course completion."

1   On page 1, line 2 of the title, after "education;" strike the
2 remainder of the title and insert "amending RCW 28A.230.097; and
3 creating a new section."

     EFFECT: Removes the establishment of AP Computer Science grant
programs and eliminates the requirement that the Workforce Training and
Education Coordinating Board convene a computer science professional
shortage task force.

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