

HOUSE**AMENDMENT NO. ____****Offered by****of**

1 AMEND House Committee Substitute for Senate Committee Substitute
 2 for Senate Bill No. 492, Page 9, Section 173.030, Line 136, by
 3 inserting after all of said line the following:

4 "173.670. 1. There is hereby established within the
 5 department of higher education the "Missouri Science, Technology,
 6 Engineering and Mathematics Initiative". The department of
 7 higher education may award matching funds through this initiative
 8 to public institutions of higher education as part of the annual
 9 appropriations process.

10 2. The purpose of the initiative shall be to provide
 11 support to increase interest among elementary, secondary, and
 12 university students in fields of study related to science,
 13 technology, engineering, and mathematics and to increase the
 14 number of Missouri graduates in these fields at Missouri's public
 15 two- and four-year institutions of higher education.

16 3. There is hereby created a "Science, Technology,
 17 Engineering and Mathematics Fund", which shall consist of money
 18 collected under this section. The state treasurer shall be
 19 custodian of the fund and may approve disbursements from the fund
 20 in accordance with sections 30.170 and 30.180. Upon
 21 appropriation, money in the fund shall be used solely for the
 22 administration of this section. Any moneys remaining in the fund
 23 at the end of the biennium shall not revert to the credit of the
 24 general revenue fund. The state treasurer shall invest moneys in
 25 the fund in the same manner as other funds are invested. Any
 26 interest and moneys earned on such investments shall be credited
 27 to the fund.

28 4. As part of the initiative, the department of higher
 29 education shall develop a process to award grants to Missouri

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1 public two- and four-year institutions of higher education and
2 school districts that have entered into articulation agreements
3 to offer information technology certification through technical
4 course work leading to postsecondary academic credit through the
5 program established in section 173.675.

6 5. The general assembly may appropriate funds to the
7 science, technology, engineering, and mathematics fund to match
8 institution funds to support the following programs:

9 (1) Endowed teaching professor programs, which provide
10 funds to support faculty who teach undergraduate courses in
11 science, technology, engineering, or mathematics fields at public
12 institutions of higher education;

13 (2) Scholarship programs, which provide financial aid or
14 loan forgiveness awards to Missouri students who study in the
15 science, technology, engineering, or mathematics fields or who
16 plan to enter the teaching field in Missouri with an emphasis on
17 science, technology, engineering, and mathematics areas;

18 (3) Experiential youth programs at public colleges or
19 universities, designed to provide Missouri middle school, junior
20 high, and high school students with the opportunity to experience
21 science, technology, engineering, and mathematics fields through
22 camps or other educational offerings;

23 (4) Career enhancement programs for current elementary and
24 secondary teachers and professors at Missouri public and private
25 colleges and universities in the science, technology,
26 engineering, or mathematics fields to improve the quality of
27 teaching.

28 173.675. 1. The department of higher education shall
29 develop a program to offer information technology certification
30 through technical course work that leads to postsecondary
31 academic credit. The program shall be available to students
32 enrolled in a public high school in Missouri that has entered
33 into an articulation agreement with a Missouri public two- or
34 four-year institution of higher education to offer such course
35 work. The program shall provide instruction on skills and
36 competencies essential for the workplace and requested by
37 employers and shall include the following components:

- (1) A web-enabled online curriculum;
- (2) Instructional software for classroom and student use;
- (3) Training for teachers to advance technical education skills;
- (4) Industry recognized skills certification; and
- (5) Integration with existing education standards.

2. Any rule or portion of a rule, as that term is defined in section 536.010, that is created under the authority delegated in this section shall become effective only if it complies with and is subject to all of the provisions of chapter 536 and, if applicable, section 536.028. This section and chapter 536 are nonseverable and if any of the powers vested with the general assembly pursuant to chapter 536 to review, to delay the effective date, or to disapprove and annul a rule are subsequently held unconstitutional, then the grant of rulemaking authority and any rule proposed or adopted after August 28, 2014, shall be invalid and void.

173.680. 1. The department of higher education shall conduct a study to identify the information technology industry certifications most frequently requested by employers in Missouri. The department of higher education may conduct the study with the assistance of other state departments and agencies, the Missouri mathematics and science coalition, and the governor's advisory council on science, technology, engineering, and mathematical issues.

2. The department of higher education shall complete the study no later than January 31, 2015. The department shall prepare the findings in a report and provide it to:

- (1) The president pro tempore of the senate;
- (2) The speaker of the house of representatives;
- (3) The joint committee on education;
- (4) The governor;
- (5) The coordinating board for higher education; and
- (6) The state board of education."; and

Further amend said title, enacting clause and intersectional references accordingly.