

# HOUSE BILL NO. 1457

## 99TH GENERAL ASSEMBLY

---

INTRODUCED BY REPRESENTATIVE LAUER.

4037H.021

D. ADAM CRUMBLISS, Chief Clerk

---

### AN ACT

To amend chapter 170, RSMo, by adding thereto one new section relating to computer programming education.

---

*Be it enacted by the General Assembly of the state of Missouri, as follows:*

Section A. Chapter 170, RSMo, is amended by adding thereto one new section, to be known as section 170.035, to read as follows:

**170.035. 1. For purposes of this section, "computer programming" means the writing and implementation of low-level and high-level languages that can be translated into machine language and then executed by a computer.**

**2. In every school year after the 2018-19 school year, each school district shall offer a course on computer programming to all students attending high school in its district.**

**3. Each school district shall:**

**(1) Develop its own curriculum for the computer programming course;**

**(2) Use a curriculum already established for a computer programming course it offered before the effective date of this section; or**

**(3) Use a curriculum for any virtual or online computer programming course developed by the department of elementary and secondary education.**

**4. The computer programming course offered under this section shall count as an elective course or practical arts course for purposes of high school graduation requirements. Each student shall choose whether to count the computer programming course as an elective course or practical arts course.**

**5. Students shall not be required to complete the computer programming course described under this section in order to graduate from high school.**

EXPLANATION — Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and is intended to be omitted from the law. Matter in **bold-face** type in the above bill is proposed language.

18           **6. The computer programming course described under this section shall be taught**  
19 **by a teacher who holds a certificate of license to teach under section 168.021. Any other**  
20 **requirements related to the qualifications of the teacher or type of certificate shall be**  
21 **determined by each school district.**

22           **7. The computer programming course required to be offered by each school district**  
23 **under this section may be taught in any of the school district's facilities or at any location**  
24 **approved by the school district.**

25           **8. Each school district may offer the computer programming course required under**  
26 **this section as an online course or through videoconferencing so long as a teacher who**  
27 **holds a certificate of license to teach under section 168.021 supervises the delivery of the**  
28 **content to students.**

✓