

HR 2057

Computer Science in STEM Act of 2015

Congress: 114 (2015–2017, Ended)

Chamber: House

Policy Area: Education

Introduced: Apr 28, 2015

Current Status: Referred to the Subcommittee on Research and Technology.

Latest Action: Referred to the Subcommittee on Research and Technology. (Aug 18, 2015)

Official Text: <https://www.congress.gov/bill/114th-congress/house-bill/2057>

Sponsor

Name: Rep. Cárdenas, Tony [D-CA-29]

Party: Democratic • State: CA • Chamber: House

Cosponsors (3 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Lawrence, Brenda L. [D-MI-14]	D · MI		Apr 28, 2015
Rep. Polis, Jared [D-CO-2]	D · CO		Apr 28, 2015
Rep. Rangel, Charles B. [D-NY-13]	D · NY		Apr 28, 2015

Committee Activity

Committee	Chamber	Activity	Date
Education and Workforce Committee	House	Referred To	Apr 28, 2015
Science, Space, and Technology Committee	House	Referred to	Aug 18, 2015

Subjects & Policy Tags

Policy Area:

Education

Related Bills

No related bills are listed.

Computer Science in STEM Act of 2015

This bill amends the America COMPETES Reauthorization Act of 2010 to include computer science in that Act's definition of "STEM" as the academic and professional disciplines of science, technology, engineering, and mathematics.

The Department of Education (ED) must award states: (1) two-year formula grants to develop comprehensive plans to strengthen elementary and secondary computer science education, and (2) competitive five-year matching grants to implement the improvements proposed in their comprehensive plans.

Proposed improvements must include: (1) challenging and grade-appropriate academic content standards for computer science, (2) grade-appropriate assessments of computer science learning, (3) programs to increase disadvantaged students' access to computer science courses, (4) computer science teacher training programs, (5) improved teacher certification or licensure requirements and processes, (6) programs to ensure that computer science courses are considered an integral part of the secondary school curriculum, (7) effective computer science curricula, and (8) computer science distance learning programs.

States must partner with institutions of higher education (IHEs) and local educational agencies in implementing such measures.

Favors implementation grant applicants that emphasize serving low-performing schools and increasing the participation in computer science by students underrepresented in computing.

The bill amends the Elementary and Secondary Education Act of 1965 to authorize ED to award five-year grants to IHEs to: (1) develop courses that prepare undergraduate students to teach elementary and secondary school computer science, and (2) develop and fund teacher mentoring programs to support new computer science teachers.

The bill amends the National Science Foundation Authorization Act of 2002 to include informatics and computer science majors and professionals in the Robert Noyce Teacher Scholarship Program (the Program recruits and prepares science, technology, engineering, and mathematics majors and professionals to become mathematics and science teachers).

Actions Timeline

- **Aug 18, 2015:** Referred to the Subcommittee on Research and Technology.
- **Apr 28, 2015:** Introduced in House
- **Apr 28, 2015:** Referred to the Committee on Education and the Workforce, and in addition to the Committee on Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.