

HR 2305

Computer Science in STEM Act of 2017

Congress: 115 (2017–2019, Ended)

Chamber: House

Policy Area: Education

Introduced: May 3, 2017

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

Latest Action: Referred to the Subcommittee on Research and Technology. (May 22, 2018)

Official Text: <https://www.congress.gov/bill/115th-congress/house-bill/2305>

Sponsor

Name: Rep. Cárdenas, Tony [D-CA-29]

Party: Democratic • **State:** CA • **Chamber:** House

Cosponsors (3 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Esty, Elizabeth H. [D-CT-5]	D · CT		May 3, 2017
Rep. Kilmer, Derek [D-WA-6]	D · WA		May 3, 2017
Rep. Polis, Jared [D-CO-2]	D · CO		May 3, 2017

Committee Activity

Committee	Chamber	Activity	Date
Education and Workforce Committee	House	Referred To	May 3, 2017
Science, Space, and Technology Committee	House	Referred to	May 22, 2018

Subjects & Policy Tags

Policy Area:

Education

Related Bills

No related bills are listed.

Computer Science in STEM Act of 2017

This bill requires the Department of Education (ED) to award to 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 standard 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 these improvements.

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, which recruits and prepares science, technology, engineering, and mathematics majors and professionals to become mathematics and science teachers.

Actions Timeline

- **May 22, 2018:** Referred to the Subcommittee on Research and Technology.
- **May 3, 2017:** Introduced in House
- **May 3, 2017:** 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.