

HR 823

Educating Tomorrow's Engineers Act of 2015

Congress: 114 (2015–2017, Ended)

Chamber: House

Policy Area: Education

Introduced: Feb 10, 2015

Current Status: Referred to the Subcommittee on Early Childhood, Elementary, and Secondary Education.

Latest Action: Referred to the Subcommittee on Early Childhood, Elementary, and Secondary Education. (Apr 29, 2015)

Official Text: <https://www.congress.gov/bill/114th-congress/house-bill/823>

Sponsor

Name: Rep. Tonko, Paul [D-NY-20]

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

Cosponsors (29 total)

| Cosponsor | Party / State | Role | Date Joined |
|---------------------------------------|---------------|------|--------------|
| Rep. Davis, Rodney [R-IL-13] | R · IL | | Feb 10, 2015 |
| Rep. Kennedy, Joseph P., III [D-MA-4] | D · MA | | Feb 10, 2015 |
| Rep. McKinley, David B. [R-WV-1] | R · WV | | Feb 10, 2015 |
| Rep. Jackson Lee, Sheila [D-TX-18] | D · TX | | Feb 13, 2015 |
| Rep. McGovern, James P. [D-MA-2] | D · MA | | Feb 13, 2015 |
| Rep. Cárdenas, Tony [D-CA-29] | D · CA | | Feb 20, 2015 |
| Rep. Cohen, Steve [D-TN-9] | D · TN | | Feb 20, 2015 |
| Rep. Lowenthal, Alan S. [D-CA-47] | D · CA | | Feb 20, 2015 |
| Rep. Rangel, Charles B. [D-NY-13] | D · NY | | Feb 20, 2015 |
| Rep. Speier, Jackie [D-CA-14] | D · CA | | Feb 20, 2015 |
| Rep. Takano, Mark [D-CA-41] | D · CA | | Feb 20, 2015 |
| Rep. Honda, Michael M. [D-CA-17] | D · CA | | Feb 24, 2015 |
| Rep. Meng, Grace [D-NY-6] | D · NY | | Feb 24, 2015 |
| Rep. Polis, Jared [D-CO-2] | D · CO | | Feb 24, 2015 |
| Rep. Blumenauer, Earl [D-OR-3] | D · OR | | Feb 25, 2015 |
| Rep. Lee, Barbara [D-CA-13] | D · CA | | Feb 25, 2015 |
| Rep. Peters, Scott H. [D-CA-52] | D · CA | | Feb 25, 2015 |
| Rep. Keating, William R. [D-MA-9] | D · MA | | Feb 26, 2015 |
| Rep. Lipinski, Daniel [D-IL-3] | D · IL | | Feb 26, 2015 |
| Rep. Roybal-Allard, Lucille [D-CA-40] | D · CA | | Feb 26, 2015 |
| Rep. Chu, Judy [D-CA-27] | D · CA | | Mar 2, 2015 |
| Rep. Esty, Elizabeth H. [D-CT-5] | D · CT | | Mar 2, 2015 |
| Rep. Swalwell, Eric [D-CA-15] | D · CA | | Mar 2, 2015 |
| Rep. Higgins, Brian [D-NY-26] | D · NY | | Apr 13, 2015 |
| Rep. Tsongas, Niki [D-MA-3] | D · MA | | Apr 13, 2015 |
| Rep. McNerney, Jerry [D-CA-9] | D · CA | | Apr 17, 2015 |
| Rep. Jeffries, Hakeem S. [D-NY-8] | D · NY | | Jun 11, 2015 |
| Rep. Matsui, Doris O. [D-CA-6] | D · CA | | Jun 23, 2015 |
| Rep. Duckworth, Tammy [D-IL-8] | D · IL | | Oct 7, 2015 |

Committee Activity

| Committee | Chamber | Activity | Date |
|-----------------------------------|---------|-------------|--------------|
| Education and Workforce Committee | House | Referred to | Apr 29, 2015 |

Subjects & Policy Tags

Policy Area:

Education

Related Bills

| Bill | Relationship | Last Action |
|------------|--------------|--|
| 114 S 1185 | Related bill | May 4, 2015: Read twice and referred to the Committee on Health, Education, Labor, and Pensions. |

Educating Tomorrow's Engineers Act of 2015

Amends the Elementary and Secondary Education Act of 1965 to require states to incorporate engineering design skills and practices into their academic content standards and academic achievement standards and assessments in science.

Requires states and local educational agencies (LEAs) to use grants and subgrants under the Teacher and Principal Training and Recruiting Fund program to develop and provide professional development and instructional materials for science, technology, engineering, and mathematics (STEM) subject areas, including computer science and engineering.

Changes current references to the mathematics and science partnerships program to references to the STEM partnerships program, which provides funding to states, institutions of higher education, and high-need LEAs to recruit and train STEM teachers and improve STEM curricula.

Amends the 21st century community learning centers program to include STEM activities (currently, mathematics and science activities) within the before- and after-school activities funded under that program.

Amends the rural and low-income school program to include professional development in engineering education among the uses of the funds provided to rural LEAs.

Amends the Education Sciences Reform Act of 2002 to direct the Secretary of Education to support research on engineering education and use that research to provide information to the public, and technical assistance to states, on best practices and promising innovations in kindergarten through grade 12 engineering education.

Requires the National Center for Education Research to sponsor and conduct research geared toward improving STEM, rather than just mathematics and science, teaching and learning.

Actions Timeline

- **Apr 29, 2015:** Referred to the Subcommittee on Early Childhood, Elementary, and Secondary Education.
- **Feb 10, 2015:** Introduced in House
- **Feb 10, 2015:** Referred to the House Committee on Education and the Workforce.