

ANSI

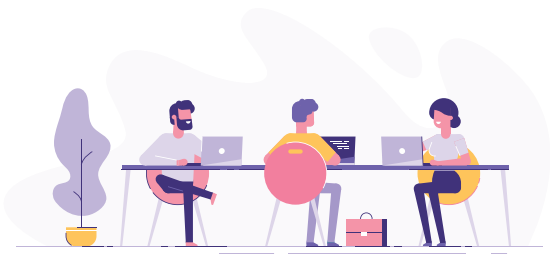
EDUCATION

ACTIVITES



EDUCATION PROGRAMS AND RESOURCES FROM THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) RAISE AWARENESS OF THE IMPORTANCE OF STANDARDS AND CONFORMITY ASSESSMENT TO STUDENTS AND ACADEMIA, AND PROVIDE ENGAGEMENT OPPORTUNITIES FOR THE NEXT GENERATION OF STANDARDIZATION PARTICIPANTS. OVERSEEN BY THE ANSI COMMITTEE ON EDUCATION, THESE INITIATIVES BRING TOGETHER THE EXPERTISE OF PARTNERS FROM ACROSS THE STANDARDS AND CONFORMITY ASSESSMENT COMMUNITY, AND SUPPORT IMPLEMENTATION OF THE EDUCATION-RELATED ASPECTS OF THE *UNITED STATES STANDARDS STRATEGY*.





STANDARDS SIMULATIONS

For the past several years, ANSI, in conjunction with sponsor organizations from the standards community, has hosted standards simulation competitions for teams of university students. These events offer a hands-on introduction to the actual standards development process, condensed into an exciting day of active learning. With the help of on-hand mentorship from academics and experts, student teams strive to impress the volunteer judges from across the standardization community with the strategy, collaboration, and negotiation needed to achieve their objective as a standards stakeholder.

In addition to the simulation competition, ANSI often partners with the National Institute of Standards and Technology (NIST) to host additional standards simulation exercises where individual students, rather than school teams, participate in the "development" of a standard.

PAPER COMPETITION

ANSI's annual paper competition invites post-secondary students to submit original papers on a specific topic related to standards and conformity assessment – for example, "How Do Standards Mitigate Disaster?" or "Imagine a World without Standards." In asking students to consider and document the impact of standards in various real-world scenarios – or a perceived need for additional standardization – the competition supports ANSI's long-term effort to raise awareness among students of the significance of standards and conformance in nearly every aspect of business, industry, and society.

USA SCIENCE AND ENGINEERING FESTIVAL

ANSI is an exhibitor at the bi-annual USA Science & Engineering Festival in Washington, DC – a national grassroots effort to advance STEM education and inspire the next generation of scientists and engineers. ANSI's interactive displays are designed to show K-12 students, teachers, and other attendees the impact of standards via hands-on activities, games, and graphics. ANSI leads a collaboration of partners in a "passport challenge," where kids visit all the participating standards organizations' booths and learn about their work. Over the course of the three-day festival, an estimated 250,000+ visitors pass through and gain insights into diverse facets of science and engineering – including standards.

UNIVERSITY OUTREACH

ANSI works with members of the academic community to promote the incorporation of standards-related information into the curriculum of colleges and universities. Upon request, ANSI can provide faculty with complimentary access to selected international standards for use in curricula. The objective is to raise students' awareness and impact of standards in their field of study.





K-12 STUDENT RESOURCES

This growing collection of free online multimedia learning resources aimed at younger students (but fun and educational for all) is designed to make standards and conformity assessment more accessible and understandable by illustrating their breadth of impact in the context of everyday life. Downloadable graphics, posters, video animations, and more are available at www.ansi.org/students.

STANDARDSLEARN.ORG

A portal of free resources developed by ANSI, www.StandardsLearn.org offers easy-to-use, self-paced tools for anyone looking for an introduction to standards and conformity assessment. Resources include:

- **eLearning Courses:** Free web courses highlighting the value and importance of standards and compliance programs and providing an overview of key organizations, activities, and processes.
- **Standards Education Database:** A one-stop resource for online education and distance-learning resources provided by ANSI-accredited standards developers, ANSI members, and others.
- **Standardization Case Studies:** Real-world examples demonstrating how standardization has resolved problems and streamlined operations across a variety of disciplines.

WHAT IS ANSI?



ANSI is a not-for-profit organization dedicated to supporting the U.S. voluntary standards and conformity assessment system and strengthening its impact both domestically and internationally.

ANSI is committed to enhancing the global competitiveness of U.S. business and quality of life by providing a framework for fair standards development and quality conformity assessment systems, and safeguarding their integrity.

Encompassing practically every industry, the Institute represents the diverse interests of more than 270,000 companies and organizations and 30 million professionals worldwide.

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