


Standards for Improving Student Evaluations in the Service of Learning – Commentary –

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 American National Standards Institute Education Committee

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- Why we are here ...
 - To communicate the value and importance of standards and conformity assessment
 - To highlight the role that standards play in education
 - To present the American National Standards Institute (ANSI) to the education community
 - To provide a framework for the development of student evaluation standards

ANSI American National Standards Institute

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Minimum Standards Literacy Needed for Faculty and Students



- At present, educational institutions have no required or formal reliance upon standards
 - Integrating standards and conformity assessment training into curriculum will better prepare the future workforce
 - Surveys indicate that most standards-related training is provided "on the job"
- Developing and implementing standards can play a key role in building a global education network

ANSI American National Standards Institute

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What is a Standard?

Definition of terms

- **Standard**
 - A formal agreement documenting generally accepted specifications or criteria for products, processes, procedures, policies, systems and/or personnel
- **Conformity Assessment**
 - A process whereby a product, process, service or system is evaluated against a standard



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Standards impact the future workforce in all industries

- In the U.S. alone, there are more than 95,000 recognized standards. These encompass:
 - Product-Based Standards
(ISO film speed code; banking and telephone cards)
 - Performance-Based Standards
(Safety of wire ropes; safety of toys)
 - Management System Standards
(ISO 9000 Quality and ISO 14000 Environmental Management Systems)
 - Personnel Certification Standards
(financial planners; food protection managers; others)



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Standards for Use by Education

- **Voluntary consensus standards** are being developed to support the technical infrastructure for the distributed learning infrastructure and educational functions, technology specifications, components and services
 - Consideration is also underway for the development of international standards for education services
- An American National Standard on "Student Evaluation" already exists



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The Student Evaluation Standard
An American National Standard



- Developed by the Joint Committee on Standards for Educational Evaluation
- ANSI/JCSEE SES-2002
 - Provides a guide to evaluation of students to ensure that classroom-based evaluations are conducted properly and feasibly and provide accurate and useful information to serve in student decision situations. These standards are intended for use by a wide array of persons including: teachers, students, parents, education administrators, school board members, evaluators, curriculum specialists, legislators, counselors, community leaders, educational associations, and others. The standards guide teachers and inform students, parents, and others, regarding the characteristics of sound student evaluations. The twenty-eight standards are categorized into four groups corresponding to four attributes of sound and fair student evaluation—propriety, utility, feasibility, and accuracy.

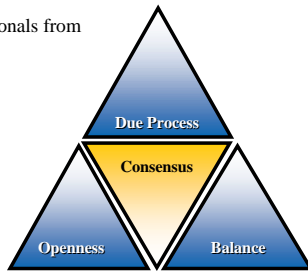


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American National Standards

- Voluntary consensus standards that are written in an open environment by professionals from both the private- and the public-sectors
- Developed by an ANSI- accredited standards developer
- Approved by ANSI



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Mission

To enhance the global competitiveness of U.S. business and the American quality of life by **promoting and facilitating** voluntary consensus standards and conformity assessment systems and ensuring their integrity.



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ANSI's Education Strategy

Raise Awareness of the Value and Use of Standards

www.StandardsLearn.org


www.StandardsMall.org
www.NSSN.org

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Standards for Use By Higher Education

Another Example



International Organization
for Standardization

- **ISO/International Workshop Agreement (IWA) 2: Quality Management System Guidelines for the Application of ISO 9001/2000 in Education**
 - While ISO 9000 already included educational organizations, ISO/IWA 2 guidelines will facilitate implementation by the following education sectors:
 - elementary, medium and higher; special and adult education; distance and e-learning.
 - Assesses the ability to meet customer, regulatory and quality requirements.
 - IWA's are an alternative to International Standards when swift development and publication takes priority.

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■ Summary

- ANSI coordinates the U.S. standards and conformity assessment system and represents the U.S. community internationally
- ANSI recognizes as a priority the need to educate the public on standards and conformity assessment
- ANSI believes that cross-discipline education outreach is essential
- ANSI is anxious to promote and coordinate the development and adoption of "best practices" for standards and conformity assessment in U.S. education and to assist and facilitate international initiatives



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