



ANSI Committee on Education

Standardization Case Studies

ACCOMPANYING QUESTION AND ANSWER WORKSHEET

As appropriate, please suggest recommended study, test or quiz questions / answers to accompany the case study proposed above.

Proposed Question	How can a college/university incorporate standards development instruction into the academic curriculum? Research ongoing standards and suggest academic programs.
Proposed Answer	Joining a relevant standards initiative and participating in the development process allows an academic department to provide instruction in the importance of standards and experience of the development process. Suggestions for research on a specific standard include ANSI.org: standards activities and ISO.org: standards development.

Proposed Question	What opportunities does participating in standards development provide to students?
Proposed Answer	Participating students benefit from engaging with professionals involved in the standards profession and the industry related to their course of study. Interacting with professionals expands the students' professional networks in their chosen field even to the international sphere. Students serve as team members in the standards development process, acquiring important experience. They may even contribute to a team that publishes a technical document, thus gaining an important resume item.

Proposed Question	What are the benefits of participating in standards development for the college/university?
Proposed Answer	The college/university, especially academic research departments, can benefit from a synergistic relationship with standards development organizations. Work with standards committees can provide input and assistance with academic research in both specific projects and entire research strands. The academic research, in turn, provides information to the standards committee. Working with a team of professionals outside the university lab environment can provide access to real-world concerns, even to developing new subfields.

Proposed Question	What are the challenges of participating in standards development for the college/university?
Proposed Answer	Involvement with standards development requires substantial investments of time and travel funds, which the academic department must allocate or raise. In addition, the standards development process takes longer than most students' courses of study. Consequently, a single student can rarely participate throughout the process. In order to best serve the academic organization and the

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	<p>standards development process, the institution must</p> <ul style="list-style-type: none">• Determine whether it can provide consistent funding for the project's duration• Decide how participation may affect the student's progress in the academic program and how to handle the necessary balance• Whether the institution can assign another student should the current candidate leave the development process. <p>The more deeply the participants are involved in the development process, the better the educational experience, but the more challenging to the college/university.</p>
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