

Instructor's Guide

For the brochure entitled

“Guidance for Civil Engineering Students on Licensing and Ethical Responsibilities”

Developed for ASCE by the National Institute for Engineering Ethics (www.niee.org)
Murdough Center for Engineering Professionalism, Texas Tech University, Lubbock, TX 79409-1023

Purpose:

This Instructor's Guide has been developed to assist ASCE members, both faculty and practitioners, in making presentations to civil engineering students on the subjects of licensing and the ethical responsibilities of civil engineers.

Available Resources:

The following resources are useful in making presentations to students:

1. ASCE Ethics Manual: (http://www.asce.org/pdf/ethics_manual.pdf)
2. Six-page printed brochure entitled “Guidance for Civil Engineering Students on Licensing and Ethical Responsibilities from the American Society of Civil Engineers” or reference to it on the ASCE web site at the following URL: www.asce.org/....
3. MS PowerPoint presentation covering the contents of this brochure available on the ASCE web site at the following URL: www.asce.org/....

Suggestions for Effective Presentations:

It will first be necessary to define your time frame. The Student Brochure and accompanying slide show are adaptable to presentations lasting **5 minutes**, **20 minutes**, or **50 minutes**. We offer the following ideas for each option, realizing that with a little work and creativity on the part of the presenter, other formats can be accommodated.

5-Minute Presentation

Approach: Five minutes will be sufficient to *distribute and briefly discuss* this resource. The basic idea is to identify that ASCE now has this resource (mention both the brochure and the slide presentation), briefly outline what it contains, and direct the learners to where they can get more information.

Suggested Forum: Announcement at a professional society meeting, brief overview during a lecture, etc...

Required Materials: Copy of the Student Brochure

Comments: The Instructor may choose to distribute copies of the Student Brochure to all in attendance. Alternatively, the Instructor may use one “hard copy” as a visual aid and simply direct the audience to the ASCE web site to download the *.pdf version and for more information.

20-Minute Presentation

Approach: 20 minutes should be sufficient to both *introduce* and *present* the content of the Student Brochure regarding licensure and ethics. Two options can be considered:

1. Use the MS PowerPoint slide show, or
2. Use the Student Brochure itself as the outline for a talk, personalized to incorporate the desired emphasis and experience of the Instructor.

Although time can be allotted for a few questions and answers, 20 minutes will probably not allow much discussion or interaction with the experiences of Sara.

Suggested Forum: Presentation at a professional society meeting (student chapter, professional chapter, faculty meeting, etc.), brief lecture on licensure and ethics as part of a large class where extended discussion is not possible.

Required Materials: Copy of the Student Brochure and/ or the MS PowerPoint slide show

Comments: The Instructor may choose to distribute copies of the Student Brochure to all in attendance as a follow-up handout to the presentation. Alternatively, the Instructor may use one "hard copy" as a visual aid and simply direct the audience to the ASCE web site to download the *.pdf version and for more information.

50-Minute Presentation

Approach: This lecture-length forum will allow for both content presentation and discussion of the Student Brochure regarding licensure and ethics. Two options can be considered:

1. Use the MS PowerPoint slide show, or
2. Use the Student Brochure as the outline for a talk, personalized to incorporate the desired emphasis and experience of the Instructor.

The main distinction between this and the 20-minute content presentation is that here, the Instructor will have time to facilitate audience discussion and interaction with the experiences of Sara. The various discussion questions throughout Sara's story (highlighted text boxes in the brochure) will be useful in this regard, but we encourage the Instructor to supplement these with additional questions and accounts of personal experiences.

Suggested Forum: Student lecture (senior seminar, ethics and professionalism class), 1-hour workshop at a Professional Society meeting, brown-bag lunch. COMMENT: As developers of this material, we have found it effective for the Instructor to present most of the content on licensure, but to then assume a facilitator role in the discussion of the ethics questions.

Required Materials: Copy of the Student Brochure and/ or the MS PowerPoint slide show

Comments: The Instructor may choose to distribute copies of the Student Brochure to all in attendance before the presentation or as a follow-up handout after the presentation. Alternatively, the Instructor may use one "hard copy" as a visual aid and simply direct the audience to the ASCE web site to download the *.pdf version and for more information.