

# Seminar with Bill Kastenberg

## Ethics as Analysis and Ethics as Feelings: The Interplay of Cognition and Emotion on Engineering and Science Ethics Education

**Monday, March 2, 2015**  
**12:00 noon - 1:00 p.m.**  
**Tempe Campus: Coor 5536**

In this presentation Dr. Kastenberg will describe an expanded context for addressing ethics and morality in the teaching, training and practice of engineering and science. The context was formalized as part of an NSF Ethics Education in Science and Engineering (ESEE) Grant initiated in August 2012 at Berkeley. This expanded context recognizes the importance of emotion in ethical decision-making and moral behavior, and is also based on its primacy. Loosely called, “meeting students where they’re at,” this presentation will focus on “self-interest” versus the “social contract” as an example of the interplay of emotion and cognition. The objective is to describe the context and the implications of this approach for resolving ethical issues that arise in engineering and science, as well as providing an expanded definition of moral behavior. The presentation concludes by discussing the implications of adopting such a context for ethics education.

Lunch will be served.

Please RSVP to [cspo@asu.edu](mailto:cspo@asu.edu) by noon on Friday, February 27.

Professor Kastenberg’s teaching and research interests include science and engineering ethics, risk analysis and nuclear reactor safety. He is currently the Principle Investigator for an NSF Grant entitled: Making Ethics Explicit: Relocating Ethics to the Core of Engineering Education. Dr. Kastenberg is a member of the National Academy of Engineering, and a Fellow of the AAAS and the ANS. More recently, he has been lecturing and writing on the interplay of cognition and emotion on science and engineering ethics education.



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