

CE 890 Graduate Seminar

DATE: February 25, 2009
TIME: 4:00 p.m. (refreshments served at 3:45 p.m.)
PLACE: Fiedler 2144
SPEAKER: R. Todd Gabbard, LEED-AP, Assistant Professor,
Department of Architecture, Kansas State University
TOPIC: “An Introduction to LEED”

ABSTRACT

The LEED family of rating systems is designed by the US Green Building Council to comprehensively assess the sustainable attributes of an increasingly wide range of built projects, from the scale of interior renovations and single homes to whole neighborhood districts. The systems require certain levels of verifiable performance in site development, energy and water efficiency, material use, and high quality interior spaces, though LEED does not prescribe the strategies implemented to achieve this performance.

LEED and comparable rating systems perform several vital functions in regard to building-scale sustainability, including quantification and commercialization, that ethical arguments alone are unable to effect. This talk will explore the scope, implementation, and ramifications of the LEED system in regard to the built environment.

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R. Todd Gabbard has taught at Kansas State University’s Department of Architecture since 2004. He teaches architectural design studios, environmental systems, and advanced seminars in extant and emerging building technologies and other sustainable topics. He also teaches an intersession course on LEED for those interested in LEED professional accreditation. He is active in the USGBC and several other sustainable building initiatives at the national level. His research encompasses forecasting building energy use, designing and constructing advanced building prototypes, and experimentally measuring building performance.