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## CE 591 Environmental Engineering Seminar

# Green Buildings Require an Integrated Design Approach

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### Description

Learn about the LEED rating system for Green Buildings and how to implement this concept on your next project using an integrated design approach. We will discuss how to make the building structure work with the heating and cooling systems to create a comfortable and energy efficient project. The way most homes are built will need to change to meet the energy challenges of this time. You will learn how to do this while increasing the comfort of your home or place of business.

### Who Should Attend

Graduate students registered for CE591 (All Disciplines), outside professionals seeking information and PDH credit, and the general public with interest in how engineers are meeting the challenge of sustainable design.

### Format of Course

6:30 p.m. – 7: 30 p.m. *Lecture and Q/A Session*

7:30 p.m. – 8:30 p.m. *Class Project* – students work individually or in groups on in-class assignment

8:30 p.m. – 9:30 p.m. *Review* previous week assignment and provide current week assignment

### Date and Location

March 26, 2009  
Salisbury Lab – RM 305 WPI Campus

### Registration Information

Professional Development Registration:  
\$50 *Lecture Only* CRN 27973 CESUS10  
\$150 *Lecture and Class Project* CRN 27987  
CESUS10 -- 2 Hrs PDH's Awarded  
Graduate Course Registration:  
CRN 27162 – 3 Credits Awarded

*For more information or to register call 508-831-5517. Graduate students may register at: <http://www.wpi.edu/Admin/Registrar/course056.html>; others may register through <http://cpe.wpi.edu/Individual/Workshops/regform.html>*

### About the Speaker



**William J. Schlageter, Jr., PE**, is a principal at the engineering and design firm Stantec, where he leads the Buildings Engineering group in New England. With over 20 years in the industry, Bill has developed extensive experience in all facets of planning and designing building projects, with a particular focus on heating,

cooling, and other mechanical and electrical building systems.

Before coming to Stantec, Bill operated his own engineering firm in Providence, Rhode Island, and spent several years consulting as a project manager on building additions and renovations for major industrial and biopharmaceutical companies.

Bill earned a bachelor's degree in mechanical engineering from the University of Rhode Island. He is registered in many states and is a member of numerous professional organizations, including the International Society for Pharmaceutical Engineering, the American Society of Heating, Refrigerating & Air Conditioning Engineers, and the National Society of Professional Engineers.