



100 Institute Road  
Worcester MA 01609  
508-831-5517 Fax 508/831-5694  
[www.cpe.wpi.edu](http://www.cpe.wpi.edu)  
<http://www.wpi.edu/+CEE>

---

## CE 591 Environmental Engineering Seminar

# Using Integrated Project Delivery to Meet Your Sustainability Goals

---

### Description

Now more than ever owners, architects, engineers and builders have come to realize that sustainable, high performance buildings are best achieved through a collaborative process, which must start at the conception of the project. This is evidenced in the LEED certification process that is administered by the United States Green Building Council (USGBC). No one party controls the outcome of enough points to achieve even the basic level of certification. Therefore, an integrated approach to planning, design, and construction is paramount.

This class will look at the five primary elements of LEED: Site Planning, Water Management, Energy, Material Use and Indoor Air Quality. By examining these issues from the perspective of the owner, architect, engineer and builder, the class will see how an integrated project delivery methodology has the best chance of achieving a successful building project.

### 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

January 29, 2009

Salisbury Lab – RM 305 WPI Campus

### Registration Information

Professional Development Registration:

\$50 *Lecture Only* CRN 27965 CESUS02

\$150 *Lecture and Class Project* CRN 27979

CESUS02 -- 2 Hrs PDH's Awarded

Graduate Course Registration:

CRN 27162 – 3 Credits Awarded

Rev. Dec-08

### About the Speaker



**Rod Shaffert** is Vice President of Cutler Associates, a design and construction firm headquartered in Worcester, MA where he leads the firm's Scholastic Division. In his 22-year career with Cutler, he has served a wide variety of roles, including project engineer, project manager, account executive, and regional vice president of Cutler Florida.

Mr. Shaffert is a leading advocate of integrated project delivery. He passionately works to educate the industry and community on the advantages and benefits of this delivery system, particularly when combined with revolutionary technologies and new developments in the business environment that are currently transforming the design and construction industry. He has presented to a variety of groups on related topics including: the Eastern Association of College and University Business Officers (EACUBO); APPA, a leadership and educational organization for facility directors; and the Association of College and University Housing Officers International (ACUHO-I).

Mr. Shaffert holds a bachelor's degree from the University of Vermont and a master's degree from Worcester Polytechnic Institute. He is a LEED accredited professional, providing leadership within the company and on projects for the implementation of sustainable design and construction practices.

*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>*