



# Connecting Curriculum and Campus Planning to Leverage Resources

## Experiential Learning Pedagogy



*A MAN WITHOUT A  
COUNTRY* (p. 70)

*Kurt Vonnegut*



Janice Jennings A LEED accredited professional. Design Department Chair

# PROGRAMMING / SCHEMATIC DESIGN...



**Having a well-built core structure:  
Curriculum Changes**

# Council For Interior Design Accreditation (CIDA)

1. Environmental Ethics
2. Global Perspective (sustainability of the planet)
3. Principles & Theories of Sustainability
4. Research & Analysis (sustainability issues)
5. Sustainable Building Methods & Materials
6. Assessment Processes (life cycle)

# DESIGN DEVELOPMENT...



**Getting buy in from the people in  
the three piece suites:**

**Management**

# Stakeholder Buy In



Upper Management & Students: “Will, Thrill, Skill”



Wei-Skillern (2004), Sustainable Development at Shell (A)<sub>1</sub>

# CONSTRUCTION DOCUMENTS...



**Assignments:**  
**Students**

LEED® - EB  
Leadership in Energy & Environmental  
Design - Existing Buildings

**LEED**

**Materials & Resources**

Optimize Use of  
Alternative Materials

Intent:

“Reduce the  
environmental  
impacts... upgrading of  
buildings”

**CIDA**

**Sustainable Building  
Methods & Materials**

Intent (learning):

No VOC paints

Carpet (cradle to cradle  
manufacturing)

Linoleum (renewable  
resource with low  
embodied energy)

# Experiential Learning

## Learning from the Ground Up

“Collaboration brings staff, faculty and students together for facility growth (Mastaglio, 2006)”.



## **Direct Encounter Relevant Setting**

Students Dorothy Jackson & Bobbie Champagne with Richard Cluff, Director of Maintenance & Operations

# Facilities Standards



LEED® - NC  
Leadership in Energy &  
Environmental Design - New  
Construction

**ACUPCC**

**American College and  
University Presidents  
Climate Commitment**

Intent:

Policy – All new construction  
LEED silver!

**CIDA**

**Research & Analysis  
Sustainable Building  
Methods & Materials  
Assessment Processes**

Intent (learning):

Sustainability issues  
On-site renewable  
energy  
Life cycle assessment

# Experiential Learning

**INTERNSHIP**

**Smith Group  
(Firm)**

**Jeff Stanton  
(Architect)**

**New Physical  
Science Building**



**Student, Courtney Van Horn  
with Instructor, Janice  
Jennings**

# Experiential Learning

**LEED – NC  
Silver Level  
1<sup>st</sup> On-site  
renewable  
energy  
Solar Powered  
Planetarium**



**New Physical Science Building**

**“The Challenge is to win the hearts and the minds of the staff, and to hardwire SD [Sustainable Development] into the systems and processes”**

(Wei-Skillern, 2004, p. 10).

