Advancing Education for Sustainability
By Teaching the Concepts of Sustainable Building to All Students

So that ALL Students can

Speak the language of sustainable building
Understand the systems behind a sustainable built environment
Make informed decisions about building design and operations

Through Learning Basic Concepts

Sustainable Building Certification and Rating Systems
Building and its Impact on Public Health

Sustainable Building Industry Drivers
Sustainable Building as a Tool to Pursue Social Equity

Renewable Energy and Energy Efficiency
Sustainable Building as a Model for Financial Security, Profitability

Systems Thinking (Integrated Design)
Interconnectedness of the Built and the Natural Environment
1. Recommendations for Institutions that do not yet teach courses in Sustainability or Sustainable Building

- Communicate to:
  - Staff
  - Faculty
  - Administration

The Importance of Teaching Sustainability to ALL STUDENTS

- While Addressing Sustainable Building Concepts

In the Existing Curriculum and Co-curriculum
- By Introducing Curriculum and Co-curriculum

Or

- By Using Campus Buildings as Teachers
- By Using Case studies, Models Off-campus, etc.

Integrating sustainable building principles into coursework
- Learning from what others are doing

Introduction of service-learning requirements
- Connecting higher education with future employers

Applying real-world problem solving
Recommendations for institutions that teach Sustainability courses, but do not focus on Sustainable Building concepts

2

- Integrate the Basic Sustainable Building Concepts into the Sustainability Courses
- Use Sustainable Buildings to Teach about Sustainability within the Sustainability Courses
- Introduce Exercises and Projects that Teach about Sustainability through Sustainable Buildings

Sustainable Building Staff
Connect
Faculty at the Institution
Community

- By Using Campus Buildings as Teachers
- By Using Case Studies, Models Off-campus, etc.

Integrating sustainable building principles into coursework
Learning from what others are doing

Introducing service learning requirements
Connecting higher education with future employers

Applying real-world problem solving
3 Recommendations for Institutions that teach Sustainable Building courses, but only to students of specific tracks

- Disciplines that teach Sustainable Building Courses
- Disciplines that are not teaching Sustainable Building Courses
- Faculty that teach about Sustainable Buildings
- Faculty that do not teach about Sustainable Buildings

Collaborate

Engage Students from Other Disciplines into the Sustainable Building Courses

Find Common Platforms across Disciplines to Teach All Students about Sustainable Buildings
- For example: Develop Extracurricular Activities

Offer Projects and Coursework that Connect Students with Sustainable Building Courses

- By Using Campus Buildings as Teachers
- By Using Case studies, Models Off-campus, etc.

Incorporating Sustainable Building Principles into coursework

Introducing service learning requirements

Connecting higher education with future employers

Learning from what others are doing

Community

Applying real world problem solving

Higher Education