Afternoon concurrent track 3: Green curricula at UNLV

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Presenters
Thomas Jones, Ken Teeters, Barbara St. Pierre Schneider, Nancy Menzel, Lori Candela, Yu Xu, Sally Miller,
and Scott Nowicki
Incorporating Sustainability into a Hospitality Management Curriculum

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Abstract

For the past 15 years, faculty members in the Harrah College of Hotel Administration who teach Facilities Management (HMD 395) have incorporated a sustainability management component in this required course. The concepts of sustainability and global climate change are introduced through readings and multi-media. The concept of Triple Bottom Line is presented and is applied to almost every component in the course. Students are assigned a variety of semester-long service-learning projects that incorporate these concerns. This session will feature slides from past activities and will show how to establish similar sustainability components in other hospitality management programs. There will also be a short discussion on how the Harrah Hotel College is currently expanding and coordinating sustainability throughout its curricular and extracurricular activities.
Facilities Management
HMD 395

- Core course for many in the college
- Mechanical engineering survey course for non-mechanical engineering majors
- Introduces building systems:
  - Electrical
  - Plumbing
  - Lighting
  - Safety
Facilities Management
HMD 395

• Introduces the maintenance & engineering department
  – Organization
  – Personnel
  – Duties & Responsibilities

• Has a significant sustainability component
  – Introduces the concept of sustainability
  – Triple Bottom Line examined
Facilities Management
HMD 395

• Course content & approach includes:
  – Lectures
  – Demonstrations
  – Various media
  – Service learning projects that address sustainability in all of its dimensions
    – People
    – Planet
    – Profit
Recycling Olympics
Earth Day/America Recycles Day

• Student Management Teams
• Paradise Elementary
• Dean Peterson Elementary
• Half Day Event
I want to recycle all my toys.
Happy Earth Day

Save water.
Don’t litter.
Save wild.
Save forest.
Recycle.
College Sustainability Committee

- Interdepartmental and interdisciplinary
- Impacting Environmental Sustainability in the Global Hospitality, Tourism, and Leisure Industries: Developing a Comprehensive Cross-Disciplinary Curriculum
- Urban 21 Initiative Grant/DOE
William F. Harrah
College of Hotel Administration

Teaching Sustainability Through Service-Learning
Student Projects
Instructor: Ken Teeters
Facilities Management and Design

HMD-395

- Project: Operation World Class
- Project: Rebel Recycling Volunteer Mgrs.
- Project: Rebel Recycling Move-out (Dormitory)
- Project: Campus Wetlands Management
- Project: Rebel Recycling Yard Sale Mgrs.
Teaching Sustainability - Ownership

• Sustainability is about Triple Bottom-line
• Economics
• Environmental
• Equity (Social)
Project Goals for Student/Managers

• Efficient use of all Resources
• Developing Management Skill Sets
• Serve as a Manager and Trainer for Projects
• Responsible for Quality and Production Goals
• Team Effort with emphasis on Communications
UNLV Rebel Recycling Program

- Hotel College Student/Manager Support
- HMD-101 Students serve as a workforce
- Director Tara Pike serves as a Guest Lecturer
- Community Outreach is Encouraged
- Tours are Conducted for Students Benefit
- Students are Encouraged to Participate in Drop-Off Program
- Stress Student, Faculty, and Staff recycling in Beam Hall
UNLV Campus Building Services
(Students serve Internships @ CBS)

- Hotel College works with the CBS staff to find ways to reduce operating costs.
- Energy management is stressed as an important resource management issue.
- Quality enhancement of BEH facility has been emphasized for the past 15 years.
Sustainability for the “Long-Term”

Environmental

Economics

Equity