Active Learning Teaching Technique in Mini Ice Box Challenge (MIBC)

Maryam Singery
School of Architecture and Planning | Klesse College

Teaching Modality: in person

The active learning technique employed in the MIBC not only facilitates academic growth but equips students with practical skills, a heightened awareness of environmental considerations, and the ability to collaborate effectively—a combination essential for success in their academic and professional journeys.

Key characteristics of the intended target population include:

- Graduate-Level Students
- Specialization in Sustainable Architecture
- Voluntary Participation
- Foundational Knowledge
- Advanced Skills Development
- Preparation for Professional Practice

Active Learning Technique Explanation/Learning Curve

- Critical Thinking Skills
- Practical Application of Knowledge
- Teamwork and Collaboration
- Innovation and Creativity
- Problem-Solving Skills
- Community Engagement and Awareness
- Research and Analysis
- Communication Skills

The Mini Ice Box Challenge (MIBC) is designed to incorporate active learning techniques that go beyond traditional classroom instruction. The active learning teaching technique employed in the MIBC is experiential learning, providing students with hands-on opportunities to apply theoretical knowledge in a real-world context.

Student Learning Benefits and Impact

1. Practical Application of Theoretical Knowledge
2. Critical Thinking Skills
3. Collaborative Learning and Teamwork
4. Innovation and Creativity
5. Problem-Solving Skills
6. Research and Analytical Skills
7. Practical Construction Experience
8. Community Engagement and Networking
9. Increased Environmental Awareness
10. Enhanced Communication Skills
11. Exposure to Industry Practices
12. Positive Impact on Self-Efficacy