

# TEACHING GREEN



CONSTRUCTION TECHNOLOGY

# TEACHING GREEN



**TOM VESSELLA**  
Los Angeles Trade-Technical College

What is Green?

Green

# Green Principles

- Environmental Impact
- Energy Efficiency
- Efficient Use of Resources
- Sustainability
- Global Perspectives
- Green Economy



Green

# Environmental Impact

- Initial impact
- Effects of construction
- Effects of manufacture
- Effects of usage

Green

# Efficient Use of Resources

- Materials
- Waste management
- Recycling
- Sustainability
- Change of living patterns

Green

# Energy Efficiency

- Energy usage
- Energy loss
- Alternative sources
- Change of living patterns



Green

# Sustainability

- Materials
- Construction practices
- Maintenance
- Lifespan

Green

# Global Perspectives

- Conservation of resources
- Residual effects
- Anticipated effects
- Unanticipated effects



Green

# Green Economy

- Creation of 'New'
- Built on foundation skills
- Change of mind set and perspective
- Unanticipated effects

Green

# New Economy

- Leadership
- Training
- Incentive
- Courage



Green

# Possibilities

- Green Construction
- Green Academies
- Utilities and Energy



Green

# Construction Education



- Leadership
- Teacher Training
- Curriculum Development

Green

# Green Construction Education Project

- Statewide - Regions
- Grades 7-14
- Teacher development
- Resources

Green

# Leadership

- Statewide
- Regional
- Local
- Classroom

Green

# Teacher Training

- Green Construction Information
- Construction Practices
- Curriculum
- Implementation

Green

# Curriculum Development

- Teacher Input
- Resources
- Lesson Plans
- Staff

Green

Green Makes Sense.

Green

# TEACHING GREEN



**RICK MEJIA**

California Department of Education

**TOM VESSELLA**

Los Angeles Trade-Technical College

# TEACHING GREEN



**TOM VESSELLA**

Los Angeles Trade-Technical College

[vesseltj@lattc.edu](mailto:vesseltj@lattc.edu)