CTE SCHOOL PLANNING:
Connecting The Spectrum of Client, Students & Community Through Design

West-MEC  TRANE  DLR Group
Learning Objectives

• Hear from three perspectives how to turn a CTE Vision into a learning environment that creates a win-win-win solution for Districts, Students and Industry Partners.

• Understand the benefits that industry partners glean from well-defined CTE programs.

• Recognize the challenges and rewards in designing with expanded stakeholder involvement.

• Share real-life lessons learned from past partnerships and projects to improve future planning and outcomes.
CTE Design & the Community

- Encourage Unique Partnerships
- Changing Design Concepts
- Stimulate Local Economy
Collaboration Vision

- World-Class Facilities
- World-Class Curriculum
- Standardized Certifications
- Bridging the Skills Gap
West-MEC

CTE DISTRICT

- Partnerships
- Advisory Committee
- Extended Uses
Certifications
Elevate the learning experience
Create new opportunities
Work-force ready
Explore new Possibilities
Vested industry players
Development of World Class Curriculum
High Expectations
Longer hours

Additional Opportunities
  • Evening adult education
  • Industry certifications

Scheduling that allows flexibility of building use
Industry Factors

- Aging Workforce
- Aging Building Stock
- Aging Electrical Grid
- Energy Focus
- Skills Gap
Certifications = greater job opportunities
Skilled workforce
Expanded Hiring Opportunities
NC3 – National Coalition of Certification Centers
- Connects industry and education with industry-recognized certifications
Identifying Core Skills
Equipment / Technology
Practices and Trends
Elevate instructors skills
“Train the Trainer events”
Bring industry standards into the classroom
Training and inspiring with state of the art equipment and technology
EXPANDED INVOLVEMENT

IDENTIFY USERS

IDENTIFY BUILDING NEEDS

EXPANDED BUILDING USE
Expanded Advisory Committee Members

- School District
- Industry Partners & Experts
- Community

Design Meetings with Vested Educational & Industry Partners
Designing for Multiple User Groups
Creating Flexible learning environments
Addressing Security for different user groups
Special infrastructure needs
Equipment Requirements
Identify Sponsorship opportunities
Appropriate Materials
Establish Design Parameters for Building Controls
Building Schedules to allow for multiple building use
West-MEC Central Campus
Expression of Vision through Architecture

West-MEC Northeast Campus
Renovation & Transformation
Collaborative
Engaging
Engaging
Collaborative
Questions?

Connecting The Spectrum of Client, Students & Community Through Design

Thank you.