

ARRA/MDES *“Enhancing On-the-Job Problem Solving”* Training Program – Status Review

Dr. Clay Walden, Director, CAVS Extension, MSU – Canton
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- A Training Program resulting from a Competitive Proposal from a Coalition Partnership consisting of: Holmes Community College, Mississippi State University, CAVS Extension, Nissan- Canton, and Tier 1 Suppliers.
- The partnership received a *“Stimulus”* (ARRA) Award from MDES to provide a Training Program for Nissan, Tier 1 Suppliers, Automotive Manufacturers and other *“High Growth”* Industries
- Training is focused on the key requirement of *“Enhancing On-the-Job Problem Solving”* and is directed to all levels of employees: Supervisors, Technicians, Engineers, Managers

“Enhancing On-the-Job Problem Solving” Training Program



Team Building

- Leadership
- Communications
- Coaching
- Resolving Conflict
- Supporting Change

Program Highlights

- Automotive & High Growth Industries
- 26 Professional Development Courses
- Over 70 Industry-University Projects
- Targeting \$500K Economic Benefits



Problem Solving Methodologies

- Rapid Problem Solving
- Statistical Process Control
- Ergonomics Essentials
- Introduction to Minitab
- Lean Certificate
- Fundamentals of Welding
- Introduction to Gage R&R
- Simulation Modeling
- Design of Experiments

Instrumentation & Diagnostics

- Vehicle Communications & Diagnostics
- Fundamentals of Mechanical Drive Systems
- Vehicle Dynamics and Safety
- Testing and Instrumentation I & II
- Sound and Vibration Diagnostics



Executive Summary

- Projecting over **60** Classes taught vs. target of **24**
- Projecting over **400** '*Net, Unique*' Student Participants taught vs. target of **320**
- **391** Student Evaluations to date (Rating Scale: 1-5)
 - Avg. Course Rating: **4.63**
 - Avg. Instructor Rating: **4.79**
- **35** Participating Companies "Signed Up"
- **71** Projects Initiated To Date
 - Dramatic Economic Impact comes from Projects