Advanced Materials and Manufacturing Innovation Center
Partnership

Industry  Education  Government

Foundational Concept:
Modular curriculum, cultural awareness, blended learning,
hand-on skills lab, world-wide dissemination,
high-tech delivery, research-based learning
Project Purpose

To develop and implement a strategic business plan that supports a self-sustaining advanced materials and manufacturing innovation facility and organization that integrates public and private research and training initiatives designed to transform the aerospace and other advanced manufacturing workforce and keep the U.S. globally competitive.
Advanced Materials & Manufacturing Innovation Center

- Grants & Appropriations
- Educational Network
- Manufacturing Markets
- Products
- Industry & Associations

AMMIC
Planned Outcomes 2008-2009

- Expanded training facility
- Continued and expanded delivery of training / research activities
- Information dissemination and distribution of training/research activities
Planned Activities 2008-2009

- Develop and implement the AMMIC governance structure
- Distribute and disseminate the AMMIC training materials through the web
- Develop a training schedule for advanced manufacturing courses
- Design and secure new expanded AMMIC space
Planned Activities 2008-2009

• Develop the AMMIC self-sustaining management and business plan

• Develop leveraged resources and strategies to support the expanded AMMIC facility, operations, partner institutions and organizations

• Offer advanced manufacturing courses
Training Programs

• Composites Technician Certificate Program
• Critical Composite Maintenance and Repair
• Lean and Six Sigma Green Belt Certification
• Materials Science Technology Courses and Degrees
• Product Lifecycle Management Certificate
• Project Management
• Global Training
• ISO 9000 / AS9100

• …New non-credit and credit courses and programs to come based upon research
AMMIEC Looking Forward

Advanced Materials and Manufacturing Innovation Center
- Hands-On Skills Lab
- World-Wide Dissemination
- Cultural Awareness
- Modular Curriculum
- Blended Learning
- High-Tech Delivery
- Research-Based Learning