

WELCOME
CENTRAL MICHIGAN
MANUFACTURERS ASSOCIATION



Mid Michigan
Community College

Agenda

- Welcome
- CMMA Business
 - ▣ Board of Directors Election
 - ▣ Special Interest Group Launch
 - ▣ CMMA Scholarship Process
 - ▣ General Report
- Update on MMCC
 - ▣ Update on Technical Training
 - ▣ Plastics Grant
 - ▣ Tech Center in Mt. Pleasant
 - ▣ Tour

ABOUT MMCC



MMCC Makes an Impact

□ Impact on Students

- ▣ 7,500 students attended Mid last year – an increase of 59% in the last ten years
- ▣ 814 degrees awarded last year – up from 271 just five years ago

□ Impact on the Community

- ▣ \$31,400,000 in financial aid awarded last year
- ▣ 4,250 Mid alumni live in the central Michigan area
- ▣ \$12,700,000 was paid in employee wages last year
- ▣ 220 interns were placed in area businesses in last two years

TECHNICAL TRAINING AT MMCC

Need for Training

- Largest share of job openings in Michigan over the next decade will be “middle-skill” jobs
 - ▣ Require more than a high school diploma but less than a bachelor’s degree
- MMCC has a long history of technical training
 - ▣ Ready to respond
 - ▣ Plan to increase the skilled pool of workers
- New initiatives
 - ▣ Technical Division Reorganization
 - ▣ Plastics Grant
 - ▣ Tech Center Facility

TECHNICAL DIVISION REORGANIZATION



New Organization

- All technical training programs under one umbrella
 - Customized Training
 - Workshops
 - Short-term Training (Credentials)
 - Certificates (One-year degree)
 - Associates (Two-year degree)
 - Transfer for Bachelors degree

- Other business services as well:
 - Entrepreneurial Training
 - Co-op/Apprentice/Intern program

Central Source for Training

- One-stop shop for training needs
 - ▣ Flexible to meet changing needs
 - ▣ Provided by MMCC or other partners
 - ▣ Resource for students and businesses
- Creates a source of readily available training
 - ▣ Off the shop floor – without distractions
 - ▣ Away from production demands
 - ▣ High quality training in a safe environment
- Proven model
 - ▣ Theory in a classroom - Hands-on in a lab

PLASTICS GRANT



Meeting Local Needs

- Growing issues in manufacturing
 - ▣ Labor market is changing dramatically
 - ▣ Widespread skill mismatches
 - ▣ Need to recruit more people into workforce
- Plastics alliance had formed to address needs
 - ▣ Identified training needs
 - ▣ Applied for a few grants
- Received funding from National Science Foundation
 - ▣ \$717,000 over 3 years

Program Goals

- Goal: Formalize the advisory role of regional plastics industry leaders

- Goal: Recruit and retain students
 - ▣ Provide comprehensive information and experiential opportunities
 - ▣ Address the remedial needs of MMCC students
 - ▣ Immerse students in activities that support entrepreneurship

Program Goals

- Goal: Develop curriculum for plastics technician training
 - ▣ Develop 120 hour workforce training credential
 - ▣ Develop a 33 credit hour academic certificate
 - ▣ Develop an Associate Degree in Plastics Technology with transfer to FSU
 - ▣ Embed best practices

- Much of this training will be applicable to all of manufacturing
 - ▣ Short-term CNC and Welding programs

TECHNICAL TRAINING FACILITY

Mid Michigan Community College

Unmet Needs

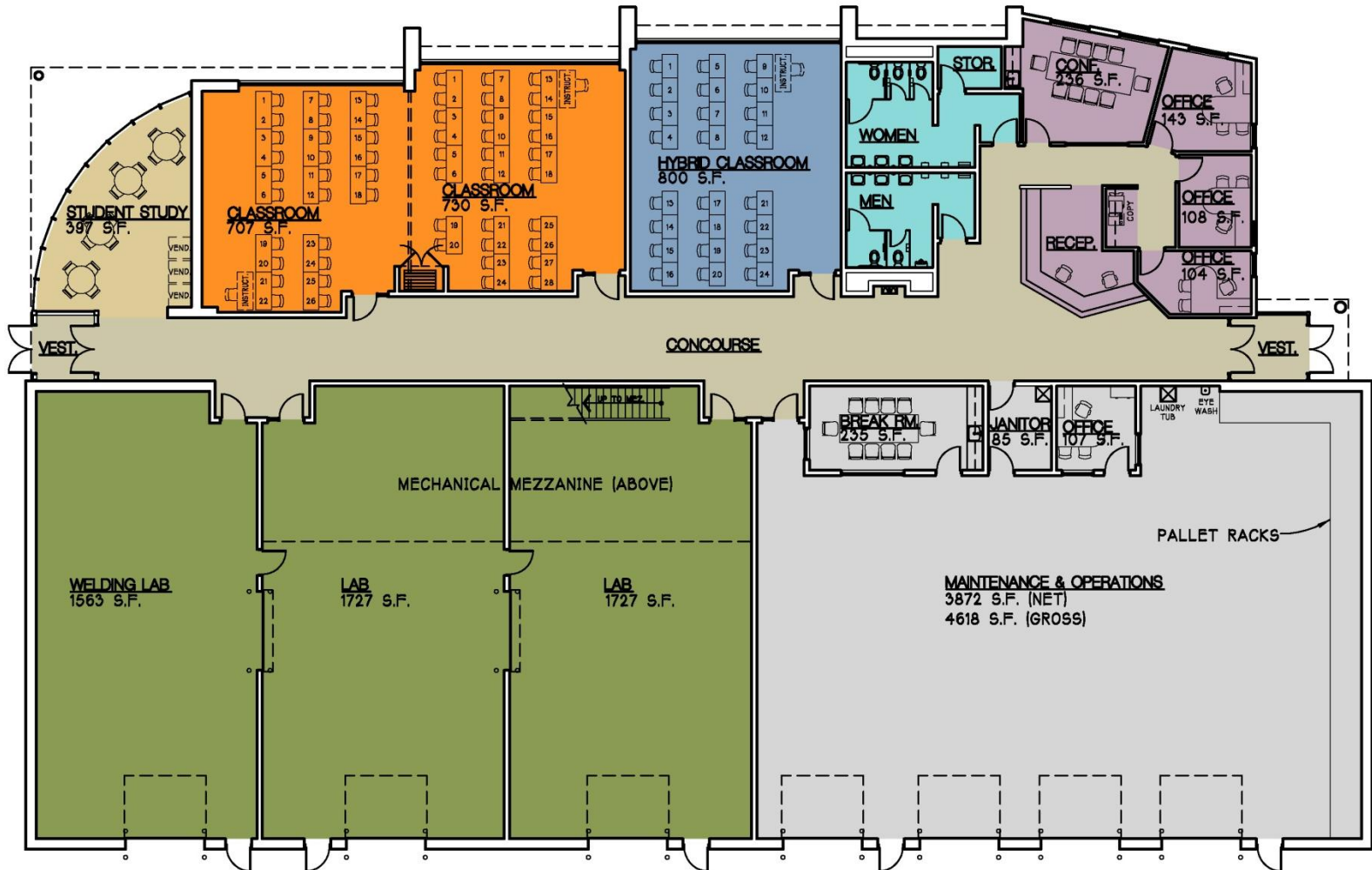
- A need for more training
 - Must be flexible and responsive
 - MMCC has no capacity in its southern region
 - How can we meet those needs?

- New Technical Education Center
 - Customized Training
 - Traditional Technical Training
 - Short-term Training
 - K-12 Continuation
 - Business Development

Conceptual Rendering



Conceptual Floor Plan



TECHNICAL SERVICES

Flexible, efficient, and responsive.

Customized Training

- Flexible space to provide a variety of trainings
 - ▣ Quick response to training needs
 - ▣ Change configuration to meet needs
- Customized training
 - ▣ Tailored to specific needs of an industry or business
- Open to other providers as well
 - ▣ Central hub for technical training

Traditional Technical Education

- Welding Lab
 - ▣ Basic skills
 - ▣ Short and Long term training
- Computer Aided Design Lab
 - ▣ Skill updates
 - ▣ Degree program
- Other labs and modules as needed

Short-term Training

- Core manufacturing training/certification
 - ▣ Short term course in:
 - Safety
 - LEAN Manufacturing
 - Quality Improvement
 - Basic manufacturing skills (blueprints, math, etc.)
- Regularly scheduled workshops
 - ▣ Federal Contracting, LEAN, Supervisory Skills, Best Practices
 - ▣ Host workshops for other organizations

From High School to the Workforce

- Working with Gratiot/Isabella RESD and Mt. Pleasant Tech Center
 - ▣ Share resources
 - ▣ Build awareness for technical careers
 - ▣ Dual Enrollment
- Next step for students interested in technical careers

Business Development Center

- Small business and entrepreneurial training
 - ▣ Provided by Michigan Small Business & Technology Development Center
 - ▣ Open to students and the community

- No cost services
 - ▣ Business development
 - ▣ Marketing plans
 - ▣ Financing documents
 - ▣ Commercializing products
 - ▣ Strategic planning

Technical Education Center

- \$2.5 - \$3 million new construction on Mt. Pleasant Campus
- Approximately 15,000 sq. ft.
- Serves all of central Michigan – including Isabella, Gratiot, and Midland Counties
- Funds for construction come solely from donations

QUESTIONS

