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MTCC Future Growth Areas

Expansion of Early College

Expansion of Career and College Promise Opportunities for High School Students

Accommodation of baccalaureate degrees through colleges/universities

New/expanded technical and curriculum programs

Expansion of healthcare programs
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- Needs

- Additional space on main campus to allow for Expansion of Early College, Career and College Promise
- Additional space on main campus to accommodate of baccalaureate degrees and advanced degree options through colleges/universities
- Additional space on main campus to allow for Expansion of healthcare programs and other technical program areas.
- Additional space on main campus for cafeteria expansion and space dedicated for student activity center.
- Additional space for faculty/staff offices and storage space

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Opportunities...

Universal Furniture Plant Facility

Advanced Manufacturing Training Center

Computer Integrated Machining
Welding
Electronics/Electrical Systems
Industrial Systems
Customized Industrial Training
Air Conditioning, Heating & Refrigeration Technology, Solar
PLC, CNC, Robotics, etc.

50,000 sq. ft.

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Spartanburg, SC Community College Tyger River Campus

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North Carolina Center for Engineering Technologies - Hickory, NC

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Universal Advanced Manufacturing Center

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Universal Advanced Manufacturing Center

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Main Campus

25,000 sq. ft. vacated space from programs relocated to Universal Building which will be renovated for Early College expansion, Career and College Promise Expansion and overall college expansion.
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- McDowell County purchased the building.
- Golden Leaf Grant – 2.4 Million for renovation. Other grants have been submitted and approved for this project.
- Universal Career Pathways Skill Center will occupy approximately 50,000 SF focusing on Industrial Training needs.

Current Leases

- Tilson Machine – 156,986.84 SF
- MPV-Morganton Pressure Vessels – 38,820.6 SF
- TQA-Total Quality Assurance – 59,211.40 SF
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Purchase price for facility and property: $2,650,000

Grants Received for the renovation of 50,000 square feet of space for the Training Center:

- Golden Leaf: $2,140,000
- Canon Foundation: $150,000
- ARC: $300,000
- Enterprise Rental Fees: $745,000
- McDowell County: $576,695

Total: $3,911,695

Duke Energy Equipment Grant: $240,000
ARC Equipment Grant: $100,000
Universal Facility
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Why is this an innovative or best practice?

• Manufacturing sector engagement in facility design, equipment, programming and marketing.
• Local Public sector engagement in facility design, equipment, programming and marketing.
• Strengthens Manufacturing related training programs areas.
• Strengthens Career and College Promise Technical programs.
• Provides for a state of the art Manufacturing Training Center that can be utilized as a recruitment tool to market McDowell County, the Universal facility and the Universal Property.
• Provides a facility that can be utilized to provide for incubation of larger manufacturing companies.
• Directly relates to our “Get the Not Out Campaign” and Workforce Pipeline Committee Initiatives.

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Why is this an innovative or best practice?

• Provides for the sharing of critical resources, facilities, equipment and staffing by the college, public schools, McDowell Economic Development Association, and the manufacturing community.
• Allows for the involvement of industry in marketing, recruitment and changing the public perception of manufacturing related employment.
• Allows MTCC to have additional land set aside for future expansion.
• Allows MTCC the vacated space on campus for expansion in other areas such as Early College, Career and College Promise, Health Care Programs, etc.
• Enhances our ability to market the property as a combination Industrial/Education Park Complex.

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What are the barriers or challenges to the effort to provide for a Ready4Work workforce for manufacturing?

• Most young people are being influenced by parents and teachers to pursue 4 year college programs.
• Many school personnel have little knowledge of manufacturing opportunities and manufacturing related employment.
• Public perception of manufacturing employment not as glamorous or considered as professional as other career areas.
• Manufacturing related employment not considered as secure as other fields due to plant closings, outsourcing, layoffs, etc.
• Manufacturing related training programs very expensive and equipment intensive compared to other program offerings for public schools and community colleges.
• Low education levels in our service area.
• Dropout rates in public schools and high attrition in community colleges.