

EMERGING TECHNOLOGIES

A skilled and well-trained workforce is the lifeblood of a community. OTC's Robert W. Plaster Center for Advanced Manufacturing will offer training opportunities that cover a breadth of industry specializations.

Specifically, PMC will focus on providing training in emerging and high-growth areas of the manufacturing sector, including:

- Drafting and Design
- Additive Manufacturing (3D Printing)
- Virtual Reality, Augmented Reality
- Safety
- Automated Machining
- Fabrication
- Mechatronics
- Automation
- PLC, HMI, Motion Control
- Robotics
- Sensors, Actuators and Interfaces
- IoT, Internet of Things
- Network Integration
- Lean Manufacturing Processes
- Predictive and Preventative Maintenance



THE INVESTMENT

This \$40 million, transformative facility will be made possible through the resourceful combination of public financing and philanthropic investment from generous supporters.

PMC's estimated impact on the southwest Missouri economy is \$431 million over 10 years. What other investment has the potential to grow 1,000 percent in such a short time?

Now is the time to inspire students and local industry with a spectacular new space to collaborate, create and dream — a space for optimizing processes, integrating technologies and discovering next-generation capabilities.



ROBERT W. PLASTER CENTER FOR ADVANCED MANUFACTURING



PROPELLING OUR COMMUNITY'S WORKFORCE

Ozarks Technical Community College realizes that our state's future is dependent on an educated workforce. Missouri contributes more than \$40 billion in manufacturing output to the nation's economy. Still, many of the manufacturing jobs in the state remain unfilled due to a skills gap between the pool of potential employees and the requirements of available jobs. That skills gap not only hinders productivity for the state's manufacturers, but also discourages new companies from locating in Missouri.

That's why **OTC's Plaster Manufacturing Center (PMC)** is designed to close the skills gap for employers by serving as the regional hub for all advanced manufacturing and technology-related training.

PMC HIGHLIGHTS

- Innovative spaces including customizable simulation training centers, research and development labs, and business incubation test centers
- Training in robotics, fabrication, mechatronics, virtual and augmented reality, automation, automated machining and safety
- 120,000 square-foot facility featuring the latest technology, high-bay labs, hands-on learning environments and collaborative classrooms
- Offering short and long-term training opportunities that cover a breadth of industry specializations

For more information and updates on project progress, please visit pmc.otc.edu.



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