



Fact Sheet

**“Today’s Technology. Tomorrow’s Innovations. Your Company’s Future.
Become a MAT² Employer Today.”**

The Michigan Advanced Technician Training (MAT²) program is an innovative and industry-defined approach to postsecondary education. An educational model developed in conjunction with global technology leaders, MAT² combines theory, practice, and work to train a globally competitive workforce by:

1. Allowing companies to **“grow their own”** employees and ensure a pipeline of qualified talent.
2. **Direct employer involvement** in the development and execution of a hands-on, competency-based education and training program, creating highly skilled, capable, and readily employable graduates.
3. Offering an **economically feasible option to training**, ultimately reducing recruitment, retention, training, and turnover costs.
4. Students **receive an associate’s degree**, along with other accreditations where applicable and depending on the program.

Commitments

- 3-year cost of tuition
- Increasing hourly wages
- Work-related training of students
- Acceptance of standardized cost model
- Performance-based reporting aligned with standardized outcomes

Benefits

- Increased retention and reduced employee turnover
- Trained and educated employee to known and accepted company standards
- Chance to “grow your own” employees by creating a company-exclusive talent pipeline

MAT² Investment Model

Program Year		Tuition	School Stipend (\$200/week)	Wages (minimum)	Totals
Year 1		\$9,000	\$6,400	\$10.00/hour \$6,400	\$21,800
Year 2		\$7,000	\$4,800	\$11.50/hour \$11,040	\$22,840
Year 3		\$4,000	\$3,200	\$13.00/hour \$16,640	\$23,840
	TOTAL	\$20,000	\$14,400	\$34,080	\$68,480

(All program offerings are contingent on industry demand in the region.)

Mechatronics Technician

Mechatronics is the combination of electrical, mechanical, and electronic competencies to identify, analyze, and solve systems-based problems. A Mechatronics Technician is a skilled individual, able to combine these competencies to solve systematic problems, while also providing basic solutions using a holistic approach. A Mechatronic Technician must be able to support engineers, modify machines, make minor changes, repair, test, and provide maintenance for related equipment.

Academic Partners: Baker College-Cadillac, Henry Ford College, and Oakland Community College

CNC Manufacturing Technician

MAT² CNC Manufacturing Technicians will be able to set-up, operate and produce high-quality products on Computer Numerically Controlled Machine Tools. Graduates will be competent in the technical, business, and customer areas of their industry, and will be able to successfully navigate and adapt to this dynamic technology landscape. A solid foundation developed over the course of the program will include blueprint reading, gauging and inspection, statistical process control, mathematics, safety, machine tooling and core CNC competencies.

Academic Partners: Henry Ford College, and Kalamazoo Valley Community College

MAT² Team

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