



## Fact Sheet

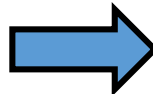
**“Today’s Technology. Tomorrow’s Innovations. Your Company’s Future.  
Become a MAT<sup>2</sup> Employer Today.”**

The Michigan Advanced Technician Training (MAT<sup>2</sup>) program is an innovative and industry-defined approach to postsecondary education. An educational model developed in conjunction with global technology leaders, MAT<sup>2</sup> 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. Establishing Michigan as an **education innovator** and **global competitor**.
5. Students **receive an associate’s degree**, along with other accreditations where applicable and depending on the program.

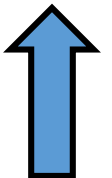
### Commitments

- Influence in educational program
- 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



### Benefits

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



| MAT <sup>2</sup> Investment Model |                 |                                |                          |                 |
|-----------------------------------|-----------------|--------------------------------|--------------------------|-----------------|
|                                   | Tuition         | School Stipend<br>(\$200/week) | Wages (minimum)          | Totals          |
| Year 1                            | \$10,000        | \$6,400                        | \$9.00/hour<br>\$5,760   | <b>\$22,160</b> |
| Year 2                            | \$6,000         | \$4,800                        | \$10.50/hour<br>\$10,080 | <b>\$20,880</b> |
| Year 3                            | \$4,000         | \$3,200                        | \$12.00/hour<br>\$15,360 | <b>\$22,560</b> |
| <b>TOTAL</b>                      | <b>\$20,000</b> | <b>\$14,400</b>                | <b>\$31,200</b>          | <b>\$65,600</b> |

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

### **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

### **IT Technician**

MAT<sup>2</sup> IT Technicians will utilize cutting-edged skills across software development, infrastructure, and IT security. Graduates will be competent in the technical, business, and customer areas of the IT industry, and will be able to successfully navigate and adapt to the dynamic technology landscape. The MAT<sup>2</sup> IT program provides a unique approach, allowing students to progress beyond entry-level positions as they move through the program, while eventually choosing an area of specialization. “Software track” students will be prepared for a role as a junior back-end and front end developer or data analyst. “Infrastructure” students will be qualified for roles as server, database, and applications admins. “IT security” students will be qualified for roles monitoring and diagnosing security threats. All MAT<sup>2</sup> IT Technicians will be able to install, troubleshoot, maintain and update technologies, and communicate to both internal and external customers.

Academic Partner: Oakland Community College

### **Technical Product Design Technician**

The MAT<sup>2</sup> Technical Product Design program prepares individuals to take on job duties that are involved in designing new products or modifying existing products to gain efficiencies that will permit lower cost production or faster customer reaction time. The MAT<sup>2</sup> program prepares these individuals to meet deadlines and work within budgets while developing designs with colleagues and clients. Supported by foundational skills in materials and manufacturing/production methods, program participants are expected to become competent in the use and creation of internal and client presentations, 2-D drawings, technical documentation, 3-D models, and computer simulations to express the design/manufacturing intent and make any modifications that emerge.

Academic Partner: Mott Community College

### **CNC Manufacturing Technician**

MAT<sup>2</sup> 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: Delta College, Henry Ford College, and Kalamazoo Valley Community College

## **Employers**

Employers are expected to complete their interviews by April 30 and make job offers to candidates between May 15 and June 15. Depending on location, school will start either late August or early September.

Please Note: Training programs vary by college and program availability is contingent on industry demand for 15 training slots per college, per occupation.

Visit [www.mitalent.org/mat2](http://www.mitalent.org/mat2) for more information

### **MAT<sup>2</sup> Program Contacts**

State of Michigan, Workforce Development Agency

|                  |  |              |
|------------------|--|--------------|
| Denise Flannery  | <a href="mailto:FlanneryD1@michigan.gov">FlanneryD1@michigan.gov</a> | 517-373-4238 |
| Valerie Jemerson | <a href="mailto:JemersonV1@michigan.gov">JemersonV1@michigan.gov</a> | 517-373-1201 |
| Tangie Jones     | <a href="mailto:JonesT33@michigan.gov">JonesT33@michigan.gov</a>     | 517-335-1939 |
| Mary Lynn Noah   | <a href="mailto:Noahm@michigan.gov">Noahm@michigan.gov</a>           | 517-335-8484 |



## MAT<sup>2</sup> Employer Reservation Form

Please complete the information below to reserve space for your organization in an upcoming MAT<sup>2</sup> cohort. This reservation does not guarantee these occupations will be offered in the timeframe or locations requested.

|   |                                     |                                 |               |
|---|-------------------------------------|---------------------------------|---------------|
| <b>Name of Organization:</b>  | Click here to enter text.           |                                 |               |
| <b>Contact:</b>   | Click here to enter text.           |                                 |               |
| <b>E-mail</b>   | Click here to enter text.           |                                 |               |
| <b>Phone</b>  | Click here to enter text.           |                                 |               |
| <b>Training Cohort:</b>   | <input checked="" type="checkbox"/> | <b>Fall 2017</b>                |               |
| <b>Occupation (check one):</b>  | <input type="checkbox"/>            | <b>Mechatronics</b>             | # of students |
|   | <input type="checkbox"/>            | <b>Technical Product Design</b> | # of students |
|   | <input type="checkbox"/>            | <b>Information Technology</b>   | # of students |
|   | <input type="checkbox"/>            | <b>CNC</b>                      | # of students |
| <b>Location( please enter full address) where student(s) will be completing work assignments:</b> |                                     | Click here to enter text.       |               |
| <b>*Preferred location (college) for classroom training:</b>                                      |                                     | Click here to enter text.       |               |

This reservation is not a binding agreement; it allows the MAT<sup>2</sup> program administration to reserve trainee slots for your company and for you to obtain access to the Applicant Pool system to review resumes of pre-screened candidates.

\*Note: Students are placed based on timing of hire date. There is not a guarantee of college choice.

### Primary Contact Person Information:

**Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_  
**Address:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_  
**Cell:** \_\_\_\_\_  
**Email:** \_\_\_\_\_

### (Only complete if different than the Primary Contact)

**Company Mentor/Instructor:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_  
**Cell:** \_\_\_\_\_  
**Email:** \_\_\_\_\_

Upon completion, please e-mail this form to [wda-mat2@michigan.gov](mailto:wda-mat2@michigan.gov). Thank you!