

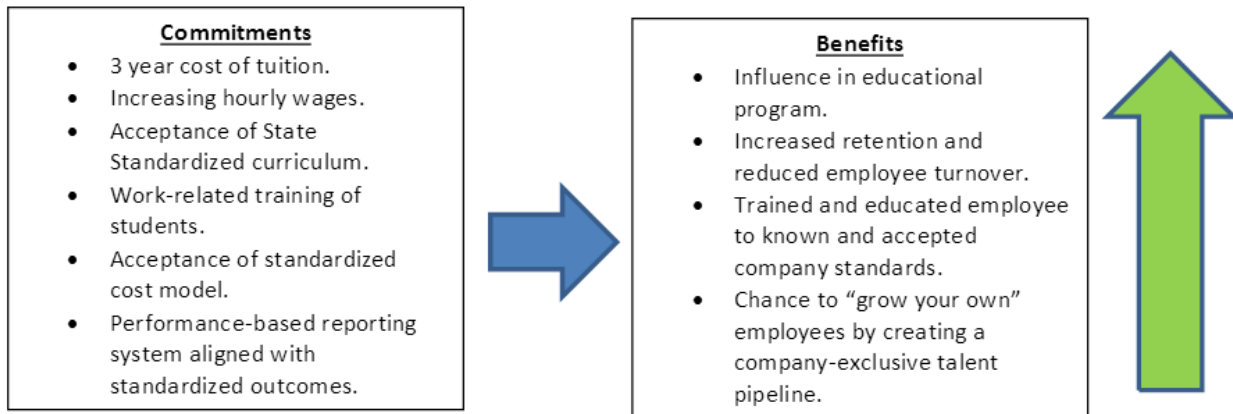


MiTalent.org/Mat2

MAT2 Company Fact Sheet

Program Overview & Company Role: The Michigan Advanced Technician Training Program (MAT2) is an innovative and industry-defined approach to education. Benchmarked on the German Dual Education System, MAT2 is an educational model developed in conjunction with global technology leaders, and will combine theory, practice, and work to train a globally competitive workforce by:

1. Creating a nationally accredited program, in which students receive an associate degree, along with other accreditations, depending on the program (DoL apprenticeship certificate, German PAL certification, company certificate, where applicable).
2. Using industry-defined competencies and requirements to create highly-skilled, capable, and readily employable graduates.
3. Offering an economically feasible option to education in which employers provide tuition reimbursement, school stipends, and an increasing hourly wage.
4. Allowing companies to “grow their own” employees and ensure their own professional competency standards by being directly involved in the education/training process.
5. Establishing Michigan as an education innovator and global competitor.



MAT ² – Salary Model	Tuition Fee	Weekly School Stipend	Work (\$/hour)			Cumulative School + Work + Tuition		
			Y1	Y2	Y3	Y1	Y2	Y3
	\$14,000.00	\$200.00	\$9.00	\$10.50	\$12.00	\$17,946.67	\$21,006.67	\$25,146.67



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2014 Programs (Expected start September 2014)

Mechatronics Technician

Mechatronics is the combination of electrical, mechanical, and electronic competencies, to identify, analyze, and solve systems-based problems. A Mechatronic 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.

2014 Community College Partners: Henry Ford Community College, Macomb Community College, Oakland Community College

IT Technician

MAT² IT technicians will utilize cutting-edge 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 MAT² 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 MAT² IT technicians will be able to install, troubleshoot, maintain and update technologies, and communicate to both internal and external customers.

2014 Community College Partners: Oakland Community College

Technical Product Design

The MAT² 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 MAT² program prepares these individuals to meet deadlines and work within budgets while developing designs with colleagues and clients. They work closely with engineers, model makers, sales and marketing staff and other skilled people, often in intercultural or global teams. 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.

2014 Community College Partners: Macomb Community College, Mott Community College



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Upcoming Company Registration Deadlines:

1. Wave One (Passed)
2. Wave Two
 - April 25, 2014: Next Priority Deadline (Participation in Second Company Fair)
-Minimum verbal commitment
 - May 31, 2014: Second Company Fair
3. Final Wave
 - June 13, 2014: Final Wave-Last Call Deadline
- Minimum verbal commitment
 - Mid-July, 2014: Last Call Company Fair

Steps for Interested Companies

As MAT2 expands to include additional professions and academic providers, regional industry partners will be integral to the overall success of the program through curriculum influence and development, establishing competency standards, and performing work-related training to students. For companies who wish to invest in their future growth by partnering with MAT, below is a list of steps they may take to facilitate their participation with an upcoming cohort:

1. **Self-Evaluation: Application Readiness**
 - Check industry commitment requirements
2. **Submit Reservation**
 - Form available on www.mitalent.org/mat2
3. **Initial Meeting**
 - MAT2 Program Administration will contact you to schedule a meeting at your location to orient you to the program.
4. **Sign Legal Agreement**
 - Agreement to participate and adhere to MAT2 program/system standards
5. **Preparation and Development**
 - Begin preparing for company fair
 - Submit necessary information (instructor name, web information, schedule, CEO video, etc.)

Visit MiTalent.org/MAT2 for more information

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