

Toyota 4T Academy

A MODEL OF EMPLOYER-CONNECTED
WORK-BASED LEARNING IN ADVANCED
MANUFACTURING



What It Is

The Toyota 4T Academy at Benjamin Bosse High School is a workplace simulation that introduces students to advanced manufacturing and logistics. Developed in partnership with Toyota, it blends cutting-edge technology with industry-informed instruction to help students build essential technical and workplace skills.

What Students Do

Students engage directly with the tools and processes used in modern manufacturing. Their experience includes:

- Interacting with holographic models using Microsoft HoloLens to learn proper part installation
- Practicing standardized work processes through augmented reality technology
- Building technical skills and spatial awareness with a forklift simulator in a safe, controlled setting

EXPERIENCE SNAPSHOT

School

Benjamin Bosse
High School

**Location**

Evansville, Indiana

**Industry**

Advanced Manufacturing

**Participants**

High School Juniors &
Seniors



VALUE FOR EMPLOYERS

Work-based learning isn't just about giving back—it's a strategic investment in your future workforce.

- Promote awareness of your industry
- Build a pipeline of career-ready talent
- Strengthen your company's community presence
- Lower hiring and onboarding costs
- Foster innovation by engaging young minds
- Improve long-term retention through early exposure

Industry Involvement

Toyota Motor Manufacturing Indiana (TMMI) professionals support program design, speak with students, and host plant visits at TMMI. Seniors also gain hands-on experience through a spring co-op in areas such as assembly, body weld, and paint. Their involvement ensures the program reflects real industry practices and helps students build relevant, career-ready skills.

How Employers Can Get Involved

Whether you're interested in supporting an existing program like Toyota 4T Academy or launching your own work-based learning experience, Ascend Indiana can help. We provide:

- Program design and implementation support
- School and CTE center connections
- Access to funding and workforce partners

Discover how Ascend Indiana can support your business in launching or expanding work-based learning opportunities at

www.ascendindiana.com.

