



FAME USA

The FAME Advanced Manufacturing Technician (AMT) program, created by Toyota and managed by The Manufacturing Institute since 2019, produces global-best, entry-level, multiskilled maintenance technicians through a concentrated program of study that includes earning an associate degree (academic/“Technical Core”), daily reinforcement of behaviors and actions necessary to stand apart in today’s workforce (“Professional Behaviors”), and a deep development of manufacturing cultures and Lean practices (“Manufacturing Core Exercises”, or “MCEs”) that fully equip the AMT to produce bottom-line company improvements.

The MCEs include Safety Culture, 5S/Visual Workplace Organization, Lean Manufacturing for Maintenance, Problem Solving, and Machine Reliability; each topic is introduced sequentially and reinforced consistently after introduction. Additionally, these exercises are paired with real-world experience to increase engagement and skills retention. Professional Behaviors complement both the technical core and MCEs, and these behaviors are introduced, reinforced, and practiced daily to ensure FAME students gain not only the technical capability and lean culture to be successful in manufacturing, but the professional bearing to be successful in any environment.

New cohorts start each Fall semester and pursue a five-semester schedule composed of three days at work paired with two days in a shop-floor emulation (the FAME Technical Center) at the college campus. This schedule of paid work alternating with academic preparation enables students to earn a paycheck that can defray tuition and fees as they complete an associate degree while growing personal and professional skills that will greatly accelerate their maintenance career.

A K12 career pathway is supported by local chapters to build awareness of STEM and manufacturing careers early, while emphasizing recruitment from underrepresented populations. Additionally, FAME students earn an associate degree that opens options to related bachelor’s programs thus creating a career pipeline from kindergarten through post-secondary and into a fulfilling lifetime career. There are more than 45 FAME chapters across 16 states. The more than 450 manufacturing companies that lead these chapters have collectively produced more than 2,200 graduates to address their skilled maintenance needs using the FAME AMT and PTech programs.

To learn more, visit [FAME-USA.com](https://www.fame-usa.com).