



Advanced Manufacturing and Production Technology

Program Purpose:

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the manufacturing career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in Advanced Manufacturing and Production positions.

The content includes but is not limited to providing students with a foundation of knowledge and technically oriented experiences in the study of automation technology, its application in manufacturing, engineering and robotics, and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of enterprise systems, safety, quality, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

Admissions:

1. Apply to MTC at <https://manateetech.edu/apply-now/>. Submit your application to access your "To-Do List." You are not accepted into the program after applying, you must complete your do list.
2. View the Main Campus Virtual Information Session handout: [Click here](#)
3. View the Main Campus Virtual Information Session video: [Click here](#)
4. Complete your "To-Do List" at <https://www.MTCdashboard.net>

Note: The Basic Skills Assessment must be taken within 6 weeks of your admit date unless exemption criteria have been documented per State Statute. For exemption information, see the Student Handbook located here: <https://www.manateetech.edu/quick-docs/>

Length of Program: Full-time 600 hours – approximately 6 months full-time to complete

| OCP | COURSE | HOURS |
|-----|--|-------|
| A | Entry-Level Production Worker – ETI0040 | 150 |
| B | Production Quality and Assurance – ETI0431 | 150 |
| C | Manufacturing and Production Processes – ETI0432 | 150 |
| D | Manufacturing and Production Maintenance – ETI0453 | 150 |

Dual Enrollment: Yes

Industry Certification: SolidWorks Professional

Articulation: May be available towards credits at Florida public colleges/universities. Speak with a Career Counselor for more information.

Job Placement Rate: 100%

Location: MTC Main Campus, 6305 State Road 70 East, Bradenton, FL 34203. Tel 941.751.7900

Start Date: August, January

Start Time: Monday - Friday, 8:00 a.m. – 3:00 p.m.

For More Information: Scan QR CODE



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|---|--|------------------------|
| Program #J100200 | | CIP# 0615040606 |
| Estimated Tuition, Lab, and Fees (<i>includes administrative fee</i>) | | \$2,716.00 |
| Additional Fees Due Prior to Admittance | | |
| Application Fee | | \$45.00 |
| Bookstore | | |
| Uniform* | | \$27.00 |
| Estimated Total Cost of Program | | \$2,788.00 |

Financial aid available depending on student's eligibility

All pre-admission fees are non-refundable and not covered by Financial Aid. *Prices are subject to change.

Annual fees (charged each academic year from July 1—June 30).

Textbook estimate. Current book list and prices: <https://manateetech.edu/current-students/bookstore/>

Tuition is \$2.92 per hour for Florida residents. Tuition is \$11.71 per hour for Non-Florida residents.

The School Board does not discriminate on the basis of race, color, ethnicity, religion, national origin, sex (including sexual orientation, transgender status, or gender identity), disability (including HIV, AIDS, or sickle cell trait), pregnancy, marital status, age (except as authorized by law), ancestry, genetic information, which are classes protected by State and/or Federal law (collectively, "protected classes") in its programs and activities, including employment opportunities. It is the legal obligation and the policy of the Board to employ only those persons who are best qualified, with or without reasonable accommodations. The Superintendent shall appoint a compliance officer whose responsibility it will be to require that Federal and State regulations are complied with and that any inquires or complaints are dealt with promptly in accordance with law. S/He shall also require that proper notice of nondiscrimination for Title II, Title VI, and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendment Act of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination in Employment Act will be provided to staff members and the general public. Any sections of the District's collectively-bargained negotiated agreements dealing with hiring and promotion will contain a statement of nondiscrimination similar to that in the Board's statement above.

941.751.7900

ManateeTech.edu