Machining Technologies

Short Description: This program focuses on the elements of basic machine programing and operation aligned to automation, machining, and manufacturing.

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 machining positions.

The content includes but is not limited to broad, transferable skills, stresses the understanding of all aspects of the machining industry, and demonstrates such elements of the industry as planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.

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. Complete your "To-Do List" at https://www.MTCdashboard.net.
Note: The Basic Skills Assessment must be taken within 6 weeks of your admission 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 1200 hours – approximately 13 months full-time to complete.

OCP	COURSE	HOURS
A	Machinist Helper – PMT0020	300
B	Machinist Operator – PMT0022	300
C	Machinist Setup Operator – PMT0024	600

Dual Enrollment: Yes

Certification/Licensure: National Institute for Metalworking Skills (NIMS) Level 1, Autodesk CAM 2.5 Axis Milling Certification

CTSO: SkillsUSA and/or HOSA are the approved cocurricular career and technical student organizations which provide activities for students as an integral part of the instruction by providing leadership training and reinforcing specific career and technical skills.

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

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

Start Date: August, January

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

For More Information: Scan QR CODE at the end of document.

Financial aid available depending on student's eligibility.

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Program #J200100	CIP# 0648050305
Estimated Tuition, Lab, and Fees *(includes $60.00 Facility and Equipment Use Fee)*	$5,699.00
Additional Fees Due Prior to Admittance	
Application Fee	$45.00
Bookstore	
Textbook(s)*	$410.00
Uniform* (2 shirts recommended $40.00 each)	$80.00
Additional Required Items (Outside Vendor)	
Scientific calculator (must have trigonometry functions) – *estimate*	$25.00
Close-toed shoes (steel-toed shoes are required) – *estimate*	$50.00
Estimated Total Cost of Program	**$6,309.00**

Financial aid available depending on student's eligibility.
https://www.manateetech.edu/admissions/financial-aid/

Tuition is $2.92 per hour for Florida residents. Tuition is $11.71 per hour for non-Florida residents.
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 cost based on Barnes and Noble price estimate and does not include shipping or tax. Free shipping timeframe is two weeks prior to term start and the first week of the term. Current book list and prices: https://manateetech.edu/current-students/bookstore/
Uniforms may be covered for Pell eligible students once aid has been applied to all tuition & fee charges.

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