Computer-Aided Drawing and Modeling

Short Description: This program focuses on use of software to convert the engineering or architectural designs into technical models and drawings. Students can specialize in architectural, civil, or mechanical CAD modeling and use technical drawings to help design everything from microchips to skyscrapers.

Program Content: 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 Architecture and Construction 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 Architecture and Construction career cluster.

The content includes but is not limited to the use of software to convert the engineering or architectural designs into technical drawings. Students can specialize in architectural, civil, or mechanical drafting and use technical drawings to help design everything from microchips to skyscrapers.

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 you 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 1200 hours – approximately 11 months full-time to complete.

OCP	COURSE	HOURS
A	CAD & Modeling I – TDR0301	450
B	CAD & Modeling II – TDR0302	450
C	Mechanical CAD Technician – TDR0305/ Building Information Modeling CAD Technician TDR0303	300

Dual Enrollment: Yes

Certification/Licensure: Auto CAD Professional 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

Program #C100300	CIP# 0615130205
Estimated Tuition, Lab, and Fees *(includes $60.00 administrative fee)*	$4,866.00
Additional Fees Due Prior to Admittance	
Application Fee	$45.00
Bookstore	
Uniform*	$28.00
Estimated Total Cost of Program	**$4,939.00**

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

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

Financial aid available depending on student's eligibility.

*Uniforms may be covered, for Pell eligible students once aid has been applied to all tuition & fee charges.

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.

https://www.manateetech.edu/admissions/financial-aid/

941.751.7900   **ManateeTech.edu**