



# Advanced Manufacturing and Production Technology\*

2017-2018

Program Content:	This program provides students with a broad foundation and skills in the manufacturing industry with the application of automation technology and quality control in manufacturing, engineering and robotics. Students will demonstrate the understanding of mechanisms, engineering design, thermal technology, reading and interpreting blueprints and schematics, AC/DC electrical, fluid power, technological products and systems and creating computer-aided drawings with proficiency in computer control and robotics. The use of industrial and processes will include basic machine tools, CNC machines and welding technology.
Length of Program:	600 hours – approximately 6 months full-time to complete - approximately 12 month part-time to complete
Class Hours:	Full-time: 7:45 a.m. – 2:15 p.m., Monday – Friday Part-time: 7:45 a.m. – 10:45 a.m., Monday - Friday or 11:15 a.m. – 2:15 p.m., Monday – Friday
Admission Dates:	August 7, 2017 Deadline June 2017 or when classes fill January 23, 2018 Deadline December 2017 or when classes fill Students are accepted on a first-come, first-served basis.
Evening Class:	Please call 941-751-7900 ext. 1029 or 1000 to be added on the evening list. Once there are enough students to start the program, you will be contacted.
Grad Requirements:	Complete all of the program competencies and projects. Score on the T.A.B.E. exam: Reading 9.0, Math 9.0, Language 9.0
Industry Certification:	Manufacturing Skills Standards Council (MSSC) Certified Production Technician (CPT)
Employment Potential:	Graduates of the program are employed in a variety of careers in the field of manufacturing and production. Cooperative education is also offered to students who are 70% complete with their class work. This allows students to go to work while finishing their class requirements.
For More Info:	941-751-7900, ext. 1032, <a href="mailto:mitchelr@manateeschools.net">mitchelr@manateeschools.net</a>
To Apply:	Go to <a href="http://www.ManateeTech.edu">www.ManateeTech.edu</a> on the bottom of the home page, click “Apply Now” for a list of instructions.
Tuition & Fees:	See reverse side.

\*Eligible for high school dual enrollment. See High School Career Dual Enrollment Admissions Packet.

## Advanced Manufacturing and Production Technology - 600 Hours

**Program # J100200**

**CIP # 0615040606**

Course		Hours	Tuition	Lab	Total
Entry-Level Production Worker	OCP A – ETI0400	150	\$438.00	\$52.50	\$490.50
Production Quality and Assurance	OCP B – ETI0431	150	\$438.00	\$52.50	\$490.50
Process Assistant	OCP C – ETI0432	150	\$438.00	\$52.50	\$490.50
Automation & Production Tech	OCP D – ETI0453	150	\$438.00	\$52.50	\$490.50
<b>Total Tuition &amp; Lab</b>					<b>\$1,962.00</b>
<b>Additional Fees Due at Time of Registration</b>					
Industry Certification: MSSC Certified Production Technician (CPT)					\$280.00
OSHA Online Training					\$25.00
Uniform Shirts (2) + ID * (annual)					\$60.00
Application Fee (Not covered by Financial Aid)					\$40.00
Health and Safety (annual) (Not covered by Financial Aid)					\$14.00
Parking (annual) (Not covered by Financial Aid)					\$20.00
Textbook Estimate**					\$125.00
Career and Technical Student Organization Leadership Fee (optional)					\$30.00
<b>Total Tuition, Lab &amp; Fees Estimate</b>					<b>\$2,556.00</b>
<b>Additional Expenses from Outside Vendors or MTC Bookstore</b>					
Tools & Equipment					\$40.00
Work shoes					\$50.00
Work Pants					\$50.00
Safety Glasses (OSHA approved)					\$8.00
<b>Total Tuition, Lab, Fees Estimate &amp; Additional Expenses</b>					<b>\$2,704.00</b>

### *Financial Aid Available Depending on Students Eligibility*

OCP = Occupational Completion Point

\*\*Current book list and prices: <http://manateetech.edu/current-students/bookstore/>

\*/\*\*Prices are subject to change without notice

Tuition based on \$2.92 per hour, Florida resident

Tuition for non-Florida Resident = \$11.71 per hour

*The School District of Manatee County does not discriminate on the basis of race, color, national origin, gender, age, disability, marital status or genetic information in its educational programs, services or activities, or in its hiring or employment practices. The district also provides equal access to its facilities to the Boy Scouts and other patriotic youth groups, as required by the Boy Scout of American Equal Access Act. Any employee, student, applicant for admissions, applicant for employment, volunteer, vendor, or member of the public who believes he/she has been discriminated against or has been harassed by an employee, student, or other third party who is subject to control of the School Board on account of race, color, national origin, gender, age, disability, marital status, genetic information or any other basis prohibited by law, is encouraged to use the appropriate grievance procedures set forth in School Board Policy 2.19 – Discrimination and Harassment Prohibited. Questions, complaints, or requests for additional information regarding discrimination or harassment may be sent to:*

*Rebecca W. Wells, Equity Coordinator, School District of Manatee County, 215 Manatee Avenue West, Bradenton, FL 34205, 941-708-8770 X 2279*

[wellsr@manateeschools.net](mailto:wellsr@manateeschools.net)