



Jamestown Community College

Come as you are. Leave as you want to be.

JCC's Service Regions

Chautauqua County

- Population - 130,846
- Median Age - 42.3
- Median Household Income - \$44,304
- Poverty Rate - 18.5%
- **% of population employed in manufacturing - 18% (10.3K)**

Cattaraugus County

- Population - 78,175
- Median Age - 41.7
- Median Household Income - \$45,571
- Poverty Rate - 16.9%
- **% of population employed in manufacturing - 14.1% (4,795)**

Allegany County

- Population - 47,400
- Median Age - 38.6
- Median Household Income - \$45,359
- Poverty Rate - 16.5%
- **% of population employed in manufacturing - 14.5% (2,936)**

Sources: <https://datausa.ip/profile/geo>
<https://statisticalatlas.com/county/New-York/>

Who we are

Locations:

- Jamestown Campus, Jamestown
- Cattaraugus County Campus, Olean
- North County Center, Dunkirk
- Online

Programs:

- 35 Degree Programs
- 19 Certificate Programs

Manufacturing Technology Institute (MTI)

- Jamestown Campus - expanded 2017
- Cattaraugus County Campus - opened 2016

We need to tell the real story

Change the perception of manufacturing:

- Technologically advanced
- Clean
- Innovative
- Profitable

Not a “hidden sector”:

- Driving innovation
- 2/3 of private spending in research & development

Backbone of the U.S. Economy

- \$ 2.17 trillion to the U.S. economy
- For every \$1.00, \$1.40 is added
- Supports about 1 in every 6 private sector jobs

Great Career Opportunity

- Avg. manufacturing wage \$79,553 vs. \$64,204 in all industries
- 92% of mfg. workers eligible for health insurance benefits vs. 79% for all firms

Connecting to Manufacturing

Youth Programs

- Wee College (6-7) • Kids College (8-12)
- Tech College & Manufacturing Camps (10-14)

Pathways in Technology Early College High School (P-TECH)

- Dunkirk Public Schools
- Erie₂ BOCES

College Connections

Certificates and Degrees

Customized Training

Career Advantage

Partnerships

MAST/Dream It! Do It!

Chautauqua County Education Coalition

Cattaraugus & Chautauqua County Workforce Development Boards

Workforce Readiness @ JCC



Jamestown Campus



Cattaraugus County Campus

Manufacturing Technology Institute @ JCC

Workforce Readiness Scholarship

The WRS program launches in Fall 2019 and will provide selected students an opportunity to earn a degree or certificate through the JCC Manufacturing Technology Institute with little or no student cost by covering the full in-state tuition, as well as the cost of fees, books, and supplies. Students will be matched with an employer who will provide workplace experience. Programs include:

- Mechanical Technology - AAS
- CAD/CNC - CERT
- Machine Tool - CERT
- Industrial Equipment Technology - CERT
- Welding Technology - AAS
- Welding Technology - CERT

Manufacturing Technology Institute @ JCC

Workforce Readiness Scholarship

Jamestown Campus: 16 students

- Welding AAS - 10
- Mechanical Technology AAS - 5
- CAD/CNC Certificate - 1



Signing Day Jamestown Campus – June 5, 2019

Manufacturing Technology Institute @ JCC

Workforce Readiness Scholarship

Cattaraugus County Campus: 12 students

- Welding Certificate - 6
- Welding AAS - 1
- CAD/CNC Certificate - 1
- Machine Tool Technology Certificate - 2
- Mechanical Technology Certificate - 2



Signing Day Cattaraugus County Campus – June 6, 2019

Manufacturing Technology Institute @ JCC

STEM Camps and Academies

- Dream It! Do It! STEM Wars
- Girls in Manufacturing Day
- Young Manufacturers Academy
- Winter STEM week
- DIDI Clubs
- Fri @MTI



Manufacturing Technology Institute @ JCC

Updates:

- This fall we will be creating an advisory committee for MTI on each campus.
- We will be holding a program review for AAS Mechanical Technology & related certificate programs.
- Online and competency based offerings
- Task based assessments
- Flexible delivery model
- Utilize Tooling U and Amatrol elearning
- Pathways and stackable credentials
- Embedded vendor

Manufacturing Technology Institute @ JCC

Updates:

- Preparing an AAS Mechatronics proposal for submission to SUNY and the State Education Department.
- Awaiting approval on an ARC grant related to robotics/automation.
- Awaiting approval on STW-DOL WORC grant
- Developing fast-track pathways:
 - Foundational/Workplace Competencies (required)
 - Manufacturing Essentials (required)
 - CNC
 - Multi-Skilled Technician
 - Robot Technician
 - Controls Technician
 - Maintenance Technician
- More robust offerings for employers
 - Leadership, New Supervisor, Operational Excellence



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