

ANNUAL REPORT 2016:

A story of growth.

"This year's annual report demonstrates the progress we have made through our community college system in preparing and producing a skilled workforce so critical to Connecticut's economy and manufacturing sector. It also proves that we are delivering on the promise of a strong future for our residents by providing long term career opportunities in the sector. Looking forward, we will continue to promote the educational mission of the Connecticut State Colleges and Universities as a key element of our commitment to the people of Connecticut."

-Governor Dannel P. Malloy, State of Connecticut



"We are proud of the role we play in creating opportunities for Connecticut's students, both in higher education and in the workplace. CSCU faculty and staff strive never to lose sight of the importance of that role to our students and the state. This report underscores our deep and continuing commitment to both, as well as to the development of stronger communities across the state as our graduates take their place in society."

-CSCU President, Mark E. Ojakain

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The Advanced Manufacturing Technology Centers were established through Public Act 11-1 (House Bill 6801) as an act promoting Economic Growth and Job Creation in the State.

In 2011, the Connecticut Board of Regents for Higher Education (BOR), as the governing body of the CSCU System, received \$17.8M in state bonds from the legislature and supported by Governor Dannel Malloy for the development of three additional Advanced Manufacturing Technical Centers at three Connecticut Community Colleges: Housatonic Community College in Bridgeport; Naugatuck Valley Community College in Waterbury; and Quinebaug Valley Community College in Danielson. The three new Advanced Manufacturing Centers were modeled after the Advanced Manufacturing Center located at Asnuntuck Community College in Enfield, Connecticut.

In 2014, Connecticut State Colleges and Universities (CSCU) was awarded a \$15M, multi-year US Department of Labor (USDOL) Trade Adjustment Assistance Community College & Career Training (TAACCCT) grant. The proposal, referred to as the Connecticut Advanced Manufacturing Initiative (CAMI), was among thousands of proposals competing for federal dollars in the fourth and final round of TAACCCT. Connecticut's story of critical need was compelling; the proposal clearly outlined the current, and future, skilled-trades shortage in the state, as a result of our rapidly aging work force, the advent of new and exciting technology, and the increase of manufacturing positions flooding into the region. Funding for CAMI comes at a time when political and employer-based support for advanced manufacturing is at an all-time high.

CAMI represents an opportunity to replicate our nationally-recognized Advanced Manufacturing Technology Center (AMTC) model and scale-up delivery across all colleges. Grant funds have been used to expand both the academic and physical infrastructure over the next three years. USDOL funding is primarily being used to hire additional instructors, renovate the instructional labs, purchase state-of-the-art equipment, design new curriculum, provide additional support services to participants, and recruit potential students.

Make It.
Here.SM



**Creating educational pathways in
Advanced Manufacturing through
the College of Technology.**

The College of Technology provides seamless career pathways between CSCU community colleges and partner universities for students to earn certificates, Associate of Science and Bachelor of Science degrees in Engineering and Technology disciplines.

Community College students can complete associate degree programs that transfer without hassle to public and private partner universities offering their major. Upon transfer, students are guaranteed full junior status and can complete a bachelor's degree in their major without losing any credits or being required to take extra credits.

Students start with an Associate's degree in Engineering Science or Technology Studies from a CSCU Community College and finish with a Bachelor's degree in an aligned pathway at the following institutions: Central Connecticut State University; Fairfield University; University of Connecticut; University of Hartford; University of New Haven.

Statewide Advanced Manufacturing Advisory

Committee (SAMAC): Created in 2012, The Statewide Advanced Manufacturing Advisory Committee (SAMAC) (comprised of each AMTC and manufacturing program under CAMI, manufacturers, WIBs, Tech High Schools, the Apprenticeship Office, and other stakeholders) and six regional Industry Advisory Councils which facilitate work-based learning, internships, Registered Apprenticeships, and job placements, as well as inform policy and strategy decisions.

Tracy Ariel, Co-Chair
Director, Advanced Manufacturing Centers, CSCU

Andrea Comer, Co-Chair
Executive Director, CBIA Education Foundation

Catherine Awwad
Executive Director, Northwest Regional Workforce Investment Board

John Beauregard
Executive Director, Eastern CT Workforce Investment Board

Todd Berch
Program Manager, CT DOL, Office of Apprenticeship & Training

Jodi Calvert
Director of Learning Initiatives, Three Rivers Community College

Ray Coombs
President, West Minster Tool and Eastern Advanced Manufacturers Alliance (EAMA)

Donald Dastoli
Director, HR/Ethics & Compliance Officer, Aerogear

Joseph Defeo
Director, Advanced Manufacturing Center, Naugatuck Valley Community College

Chris DiPentima
President, Pegasus Manufacturing

Richard Dupont
President, RDA, and Interim Dir. Housatonic Advanced Manufacturing Center

John Genna
Manufacturing Program Coordinator, Three Rivers Community College

Elliot Ginsberg
CCAT President & CEO

Michelle Hall
Project Director, CAMI, CSCU

Joe Haupt
Engineering Manager, EPG, Alinabal Inc

Daniel Higgins Jr.
Production Manager, Fuel Cell America, Inc

Howard Jenkins
HR Rep., Sr./Electric Boat Corp.

John Konegay
Aerospace Components Manufacturers Assoc. (ACM)

Keri LaMontagne
Regional Apprenticeship Representative, CT Dept. of Environmental Protection

Steve LaPointe
Director, Advanced Manufacturing Center, Quinebaug Valley Community College

Kenneth Lisk
President, Lacey Manufacturing Company

Lin Lin
Interim Div. Dir. Engineering & Technology Studies, Middlesex Community College

Paul Martland
Dean of Administrative Services/Quinebaug Valley Community College

Taryn Mazejka
HR Manager, MB Aerospace

Dr. Steven Minkler
Dean of Academic Affairs/Chief Academic Officer

Carmen Molina Rios
CT Dept. of Economic & Community Development

John Murphy
Education Consultant, CT Technical High Schools

Jeff Paul
President, Whitcraft

Tom Phillips
Executive Director, Capital Workforce Partners

David Russell
Manufacturing Program Coordinator, Manchester Community College

Pat Van Tassel
Schaeffler Training Specialist/Facilitator

Jim Troup
Provost & Sr. Dean of Administration, Naugatuck Valley Community College

Robert Vaida
Representative, Asnuntuck Community College

Dr. Kelli Vallieres
CEO, Sound Manufacturing

Alumni Success Story:

Housatonic Community College



Angelique Brown was introduced to manufacturing in the late 90's by a friend working with collation and binding at Georgian Press. After relocating to Connecticut, and working in retail for several years, in 2014, she began the Advanced Manufacturing Technology Program at Housatonic Community College.

Entering college was a struggle, because Angelique had not been to school for over 20 years and she shared, "It was extremely hard for me to stay focused. However, during the time in the AMTC program, the professors were very knowledgeable and they helped me with the classes that were difficult. Without that extra help provided at HCC, I know I would not have completed the program. I took advantage of extra help, asked a lot of questions and always took advantage of open lab."

Angelique shares, "The AMTC program has had a great impact on my life because at one point I had no idea what I wanted to do. Entering this program has not only helped me to continue my education, it also helped me expand my career in manufacturing. I have learned that there will always be a demand for people in the manufacturing field and I am thankful that I was offered the opportunity to join the AMTC team when I graduated."

Angelique now shares her experiences with current students. "It gives me the opportunity to teach students how to operate the machines in the lab, and help them learn to use the different measurement tools. It is a very rewarding part of my role to help students succeed. I have an understanding of the hurdles students face while in this accelerated program and am able to encourage and help them successfully master these challenges."

"Angelique is now in her second year as an Educational Assistant/Lab Coordinator in the AMTC program. I've had the opportunity to watch her growth from her attending the introductory courses in the summer of 2014, to her interactions with our current class and the expertise she demonstrates on a day to day basis. It's truly beneficial for them as conversations take place and she shares her story with our students. Her support and dedication are evident, and it has also been my pleasure to mentor her and to have our friendship grow." Paula Chapla, Instructor, HCC AMTC program.

ADVANCED MANUFACTURING PROGRAM ENROLLMENT

ASNUNTUCK COMMUNITY COLLEGE (ACC) Enfield, CT

Spring 2016 – **150 students**
Fall 2016 – **238 students**

Program cohorts: Machine Technology, Welding Technology, and Electronic Technology

Naugatuck Valley Community College (NVCC) Waterbury, CT

Spring 2016 – **16 students**
Fall 2016 – **93 students**

Program cohorts: Machine Technology

Quinebaug Valley Community College (QVCC) Danielson, CT

Fall 2016 – **36 students**

Program cohorts: Machine Technology

Housatonic Community College (HCC) Bridgeport, CT

Spring 2016 – **38 students**
Fall 2016 – **56 students**

Program cohorts: Machine Technology

477

Students engaged in the certificate program.

Manchester Community College (MCC) Manchester, CT

Fall 2016 – **15 students**

Program cohorts: Machine Technology

Middlesex Community College (MxCC) Middletown, CT

Fall 2016 – **24 students**

Program cohorts: Machine Technology

Three Rivers Community College (TRCC) Norwich, CT

Spring 2016 – **13 students**
Fall 2016 – **15 students**

Program cohorts: Sheet Metal and Fabrication

99%

Job Placement Rate after completing the certificate program.

PROGRAM HIGHLIGHTS

Quinebaug Valley Ribbon Cutting Ceremony

Quinebaug Valley Community College opened its new Advanced Manufacturing Technology Center on September 30. The new 10,000 square foot building will house Quinebaug Valley's advanced manufacturing technology, lean manufacturing, mechatronics, metrology, and supply chain management programs.

Governor Dannel Malloy, U.S. Representative Joe Courtney, State Senator Mae Flexer, CSCU President Mark Ojakian, and QVCC advanced manufacturing students were among those on hand to celebrate the new building. QVCC AMTC Director Steve LaPointe took visitors on a tour of the new building.



Three Rivers Community College Ribbon Cutting Ceremony

The newly renovated manufacturing labs at Three Rivers Community College (TRCC) in Norwich, were officially opened on Thursday, March 3rd during a ribbon-cutting ceremony, which included CAMI staff, industry leaders, and students in the TRCC Precision Sheet Metal Fabrication Certificate program. This program was designed to meet the needs of local industry such as Electric Boat and the members of the Eastern Advanced Manufacturing Alliance.



Asnuntuck Community College Breaks Ground on New Advanced Manufacturing Center

Asnuntuck Community College held a groundbreaking on October 31st to establish a welding and fabrication facility at the Elm Street campus in Enfield. The new 5,600 square foot facility will provide ACC's Manufacturing Technology Center with almost four times the space they currently have available to them. ACC's President James Lombella and ACC's Manufacturing Technology Center Director Frank Gulluni were joined by college administrators,



PROGRAM HIGHLIGHTS

representatives from the CT Board of Regents for Higher Education, students, staff and faculty as well as State Senator John Kissel for the ceremony.



Manchester Community College Opens New Manufacturing Labs

On Friday, September 23, Manchester Community College hosted a ribbon-cutting ceremony to celebrate the opening of its new Manufacturing Technology Center. The new center, in conjunction with the campus-wide Passport to MCC Campaign, guests saw a demonstration of the manufacturing center's lathes, mills, and computerized manufacturing. *At right is a photo of the ceremony.*

3rd Annual Induction Ceremony

The American Manufacturing Hall of Fame sponsored by Housatonic Community College celebrated its third annual induction ceremony on Thursday, October 6, 2016. The American Manufacturing Hall of Fame (AMHoF) recognizes the manufacturing process, the manufacturer as an innovator and the manufacturer as a force for positive change in the community. The five distinguished companies inducted into the Hall of Fame included: Bead Industries, Benedict & Burnham, C. Cowles, Chance Vought, and Platt Bros. & Co.



In addition to the five manufacturers inducted, Jerry Clupper, President of the New Haven Manufacturer's Association, was recognized with a leadership award for his commitment and support of manufacturers and manufacturing education across the state.



HCC Advanced Manufacturing Center Staff with HCC and Alumni Jermaine Burke



HCC Alum Jermaine Burke being congratulated by Senator Blumenthal



Naugatuck Valley Focuses On Women and Manufacturing



Women in manufacturing was Naugatuck Valley Community College's focus for their annual celebration on October 23rd. Women in Manufacturing—Inspire, Attract, Retain brought together industry leaders, educators, legislators and

NVCC alumni to discuss the opportunities for women which exist in manufacturing and how to attract more women to the field. The event also featured tours of NVCC's Advanced Manufacturing Technology Center led by current students and graduates.

In addition, NVCC, in conjunction with their respective employers, nominated two graduates of the college's Advanced Manufacturing Technology program for the 2016 STEP Ahead - Women in Manufacturing Awards, presented each year by the Manufacturing Institute. Darlene Blumenthal is currently employed by Tier ONE Technology in Newtown and was nominated as a STEP honoree; Hannah Lenoce is a state apprentice at Marion Manufacturing in Cheshire and was nominated for the STEP Emerging Leader Award. "I'm learning even more on the job now, but the courses Naugatuck Valley offered me gave me a head start on developing the skills I now use every day," said Lenoce.

Gene Haas Foundation Scholarships

In 2016 the Gene Haas Scholarship Foundation awarded the three CSCU Community Colleges:

Manchester Community College - \$20,000

Naugatuck Valley Community College - \$15,000

Quinebaug Valley Community College - \$25,000

The scholarship can be used over the next two years only towards college tuition.

Quinebaug Valley Community College

This Fall, Quinebaug Valley Community College became the proud recipient of the Gene Haas Scholarship in the amount of \$25000. The scholarship can be used over the next two years only towards college tuition. The funds will be a game changer for potential CAMI students who need assistance affording their education in Advanced Manufacturing. To start, moneys from the scholarship will go towards retention bonuses to current students as well as registration incentives for incoming students.

While most recipients of the Gene Haas Scholarship receive on average only \$8000, the committee was so moved with QVCC's story that they received over three times that amount!



Haas Representative Lorraine Palmer came out to meet with QVCC staff and present them with their "check".

PROFESSIONAL DEVELOPMENT

National Institute of Metal Working Skills (NIMS) credentials

NIMS was chosen for the CSCU System to enhance student's opportunities to earn stackable and portable credentials while furthering their education in the CSCU system.

348 NIMS credentials awarded to students and instructors in the 2015-2016 academic year at seven community colleges: Quinebaug Valley, Naugatuck Valley, Manchester, Middlesex, Housatonic, Asnuntuck and Northwestern CT Community Colleges.

- 53** CNC Milling Operator Exam Level I
- 50** CNC Turning Operator Exam Level I
- 87** Job Planning, Benchwork, & Layout I
- 157** Measurement, Materials, & Safety I
- 1** Drill Press I
- 1** Grinding

On February 24, 2016, as reported by the Hartford Business Journal, CT was recognized by the National Association of Metalworking Skills in the 2015 Annual report. Connecticut ranks as the fourth state in the nation and second in the northeast for the number of student-earned credentials, according to a recent report by the National Institute for Metalworking Skills (NIMS). The annual report also touts an overall record number of credentials were awarded nationwide in 2015 to individuals seeking entrance or advancement in manufacturing jobs.



Naugatuck Valley Community College Siemens instructor credentials—The four instructors from the college's AMTC were the first to complete the Lifelong Educational Advantage Program (LEAP) Level 1 Milling Certificate in the United States. They will be mentioned in Siemens worldwide newsletter for this accomplishment.

Problem Based Learning

Problem based learning instruction will help faculty develop lesson plans that engage students in solving the types of real-world problems developed with industry partners they will encounter in manufacturing settings. Problem-based lessons will integrate core disciplinary concepts (e.g., blueprint reading, questioning, investigating), and systemic thinking – the ability to frame problems as interactions among a wide range of factors. Focused on student learning skills, student centered instructional skills and curriculum development.



PARTNERSHIPS

The Advanced Manufacturing Centers continue to foster relationships with industry, review outcomes of new academic programs, and predict long-term outcomes of training the under-employed and unemployed in higher quantity with the skills required by our partners.

Industry Trade Associations

- Aerospace Components Manufacturers (ACM)*
- Connecticut Business and Industry Association (CBIA)*
- Connecticut Center for Advanced Technology (CCAT)*
- Eastern Advanced Manufacturing Alliance (EAMA)*
- New Haven Manufacturing Association (NHMA)*
- Northwestern Manufacturing Coalition (NWMC)*
- Smaller Manufacturers Association (SMA)*
- Connstep designated CT - Manufacturing Employer Partner (MEP)*

Workforce Development Partners

- Capital Workforce Partners (Hartford)*
- Connecticut Department of Economic and Community Development*
- Connecticut Department of Labor*
- CT Employment and Training Commission (CETC)*
- Connecticut Women's Education and Legal Fund*
- Eastern CT Regional Workforce Investment Board (Franklin)*
- Northwest Regional Workforce Investment Board, Inc. (Waterbury)*
- The Workplace, Inc. - Southwest Regional Workforce Investment Board (Bridgeport)*
- Workforce Alliance - South central Regional Workforce Investment Board (New Haven)*
- Workforce Solutions Collaborative of Metro Hartford*



Make It. Here.SM

NEW! Statewide Marketing Campaign: Creating a Cohesive Brand

In March 2016, Connecticut State Colleges & Universities (CSCU) launched their new statewide Advanced Manufacturing marketing campaign with the slogan **Make It. Here.SM** CSCU is using this approach to achieve two goals: **1) create a cohesive brand and 2) drive enrollment in the community college advanced manufacturing programs.** Increased enrollment and completion are part of the plan to help fill the current and future vacancies that our State's employers are either presently experiencing or are anticipating as their existing workforce retires over the next 2-5 years.

The campaign began with an online component, a series of radio spots, a television commercial, and grassroots events at local sports eateries across the State. With the help of Jonathan Coachman and Jay Harris, our local ESPN celebrities, we were able to leverage their Twitter accounts and benefit from personal appearances, which were scheduled in-concert with the March Madness season.

Local employers (e.g. Joining Technologies Automation, Inc. EDAC Technologies, Whitcraft Group, Pratt & Whitney, Moore Tool, and Sound Manufacturing) allowed us to film at their location and capture employees, our program graduates, for our commercial. Governor Dannel P. Malloy was our spokesperson, adding both the credibility of his office and reinforcing his commitment to our programs and the advanced manufacturing businesses across the State.

The campaign, with generous contributions from the CAMI Consortium colleges and significant support from the Connecticut State Colleges and Universities, will continue to run throughout the remainder of the USDOL TAACCT grant cycle into Fall 2017.

PRESS EVENTS



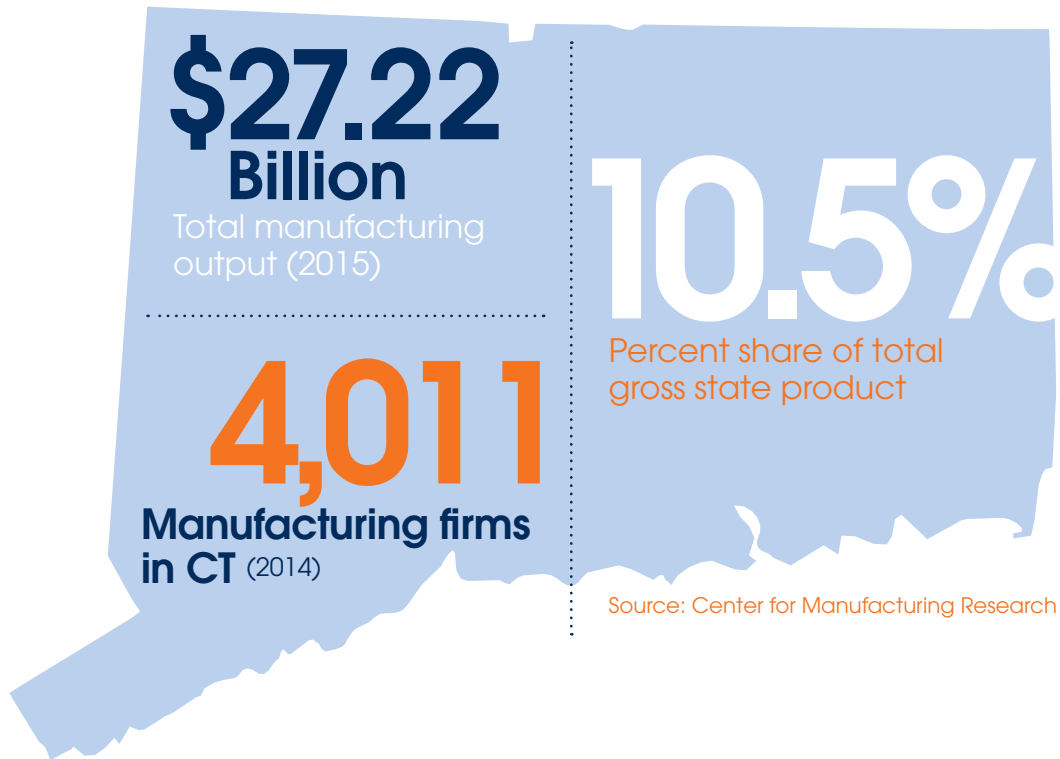
300 Jobs 300 Days – May 2016 Mark E. Ojakian, President of the Connecticut State Colleges and Universities (CSCU) was joined by Governor Dannel P. Malloy to announce a partnership between the state's public community colleges and several manufacturers including Sikorsky, Pratt & Whitney and Electric Boat. The goal of the partnership is to pair graduates from CSCU's Advanced Manufacturing Technology Centers (AMTC) with available in-state jobs identified by the manufacturers. The AMTC offer a 10 month certificate program where students are trained for careers in aerospace, defense, biotechnology and other manufacturing careers.



Veterans "Make it. Here." Press conference – August 6, 2016 Mark E. Ojakian, President of the Connecticut State Colleges and Universities (CSCU), was joined by Lieutenant Governor Nancy Wyman, U.S. Senator Richard Blumenthal and Connecticut Department of Labor (CTDOL) Commissioner Scott Jackson to announce an Advanced Manufacturing enrollment program specifically for veterans who register with CTDOL.

CSCU and Department of Labor Announce Enrollment Program for Unemployed CT Residents – June 2016 Today, Mark E. Ojakian, President of the Connecticut State Colleges and Universities (CSCU) was joined by Lieutenant Governor Nancy Wyman, and Labor Commissioner Scott Jackson to announce a college enrollment program specifically for unemployed, underemployed, or other residents looking for a different career path. Beginning now through the end of the summer, the Connecticut Department of Labor (CTDOL) will send weekly emails to anyone registered in the CTHires database with specific information about enrolling in CSCU's Advanced Manufacturing program. Dedicated financial aid, scholarships, tuition reimbursement and CTDOL training-related funding are readily available for those who apply.

MANUFACTURING STATISTICS



**Make It.
Here.**



The largest manufacturing industries in Connecticut are transportation equipment manufacturing (which includes aerospace and shipbuilding), fabricated metal product manufacturing, machinery manufacturing, and computer and electronic product manufacturing. **These four industries account for over 60% of manufacturing employment.**

Source: Connecticut Department of Labor Quarterly Census of Employment and Wages (QCEW)

Employment and Compensation



**NONFARM
BUSINESS**
Average annual
compensation

MANUFACTURING
Average annual
compensation

Manufacturing Employment (2015)

160,700

9.5% Percent share of
nonfarm employment

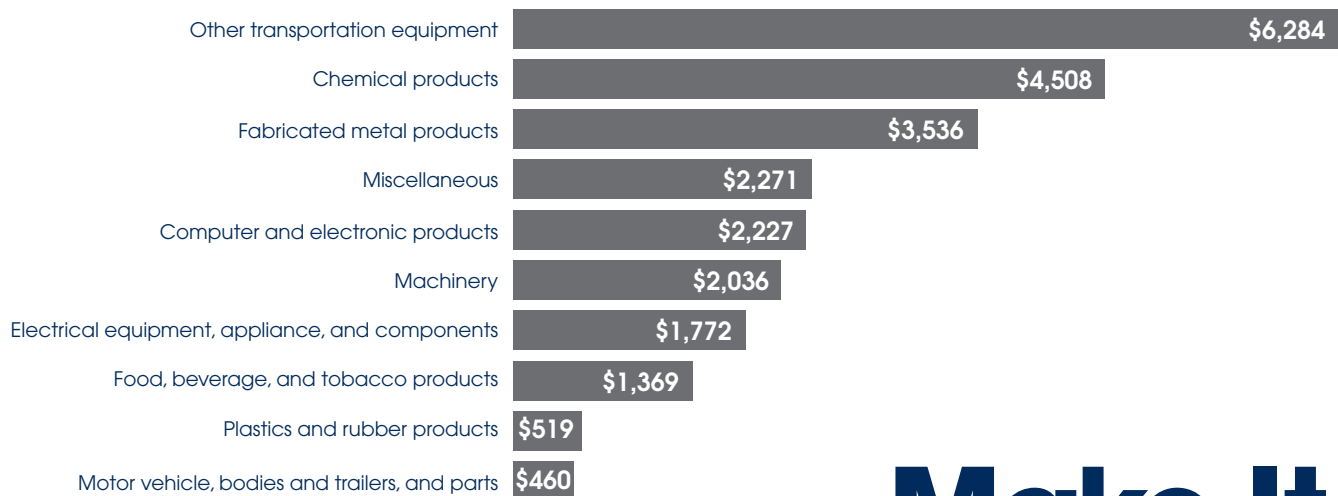
Source: Center for Manufacturing Research

MANUFACTURING STATISTICS

In 2015 (the latest year for which full year statistics are available) the Annual Average Wage in manufacturing was \$80,504 compared to \$65,526 for all industries.

Source: Connecticut Department of Labor Quarterly Census of Employment and Wages (QCEW)

Top 10 Connecticut Manufacturing Sectors (in millions of dollars, 2015)



Source: Center for Manufacturing Research

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INDUSTRY ADVISORY BOARDS

The BOR industry partners play a vital role in the success of each of the Advanced Manufacturing Centers (AMC). Industry partners work with the Centers assisting with the development and direction of the regional needs of the employers so that the AMCs can produce viable employees to fill the employment gaps. These partners provide input on curriculum, guest lecture, plant tours, apprenticeship and internship opportunities.

Asnuntuck Community College

Acceleron Inc.
East Granby

AdChem Manufacturing
Manchester

Airgas East, Inc
Manchester

Arcor Lasor
Suffield

ATI Ladish Machining
East Hartford

CBS Manufacturing
East Granby

Cianbro Corporation
Bloomfield

Clear Edge Power
South Windsor

CNC Engineering
Enfield

Country Pure Foods
Ellington

Delta Industries
East Granby

Flanagan Industries
Glastonbury

Gerber Technology
Tolland

Hamilton Sundstrand
Windsor Locks

Joining Technologies
East Granby

Kaman Aerospace
Bloomfield

Leipold Inc.
Windsor

Mitchell Machining
Springfield, MA

Notch Mechanical
Construction
Chicopee, MA

Pratt & Whitney (IAMAW)
Middletown

Quality Welding, Inc.
Bristol

Senior Aerospace CT
Enfield

Sterling Engineering
Barkhamsted

Technical Education
Products
Hampden, MA

United Steel
East Hartford

Westinghouse Electric
Windsor

Housatonic Community College

Alinabal
Milford

Alloy Engineering
Bridgeport

APS Technologies
Wallingford

Ashcroft
Stratford

ASML
Wilton

Balding Precision
Milford

Barden Corporation
Danbury

Bead Industries
Milford

Bic
Milford

Bridgeport Fittings
Stratford

Covidien/ Medtronic
North Haven

Drillmasters/
El Dorado Tool
Milford

Edgewell/ Schick

Shelton

Excello Tool
Milford

Gen-EI-Mech
Oxford

Greater Valley
Chamber of
Commerce
Shelton

HEIM/RBS Bearings
Fairfield

Holo-Krome
Wallingford

Hubbell Wiring Systems
Newtown

Ippolito Tool
Bridgeport

Lindquist Steel
Stratford

McMellon Brothers
Stratford

Microboard
Processing Inc
Seymour

Milford Chamber
of Commerce
Milford

Moore Tool
Bridgeport

MRH Tool
Milford

Naiad Dynamics US, Inc
Shelton

Nesco Resource
Stratford

NN Inc.
Bridgeport

Northeast Laser
Engraving
Monroe

NPI Medical
Ansonia

O'Keefe Controls
Monroe

OEM Controls
Shelton

Orange Research
Milford

PDC International
Norwalk

Precision Sensors
Milford

Preferred Precision
Shelton

Radiall
New Haven

Schwerdtle Stamp
Bridgeport

Sheldon Precision
Prospect

Straton Industries
Stratford

Tier One Machining
Newtown

Treif
Shelton

Xcel Tool &
Manufacturing
Milford

Manchester Community College

ACMT (Adchem)
Manchester

Aero Gear
Windsor

Allegheny Technology
Inc. *East Hartford*

Columbia Manufacturing
Columbia

CT Spring & Stamping
Farmington

CT Tool &
Manufacturing, LLC
Plainville

EDAC
Glastonbury

GKN Aerospace

Newington
 Highland Manufacturing
Manchester
 Legrand/Wiremold
West Hartford
 Leipold Precision Group
Windsor
 Pratt & Whitney
East Hartford
 Pratt & Whitney
Middletown
 UTC Aerospace Systems
Windsor Locks

Middlesex Community College

Addaero Manufacturing
New Britain
 Admill Machine
New Britain
 AeroCision
Chester
 Alton Tool
Berlin
 Chapman
 Manufacturing Co
Durham
 Creed Monarch
New Britain
 Day Machine
 Systems, Inc
New Britain
 Deep River Plastics
Deep River
 DIBA
Berlin
 DI-EL Tool and
 Manufacturing
Meriden
 Direct Color Systems
Rocky Hill
 GKN Structures
Cromwell
 Hobson-Motzer Inc.
Durham
 Holo-Krome Inc.
Wallingford
 Jarvis Airfoil
Portland
 Logan Steel
Meriden

Midstate Chamber
 of Commerce
Meriden
 OKAY Industries
New Britain
 Pegasus
 Manufacturing Inc.
Middletown
 Polamer Precision
New Britain
 Pratt & Whitney Aircraft
Middletown
 TG Industries, Inc
Meriden
 The Brittany Co.
Wallingford
 The Rogers Manufacturing
 Co *Rockfall*
 Wepco Plastics, Inc
Middlefield
 Winslow Automatics
New Britain
 Zygo Corporation Inc.
Middlefield

Naugatuck Valley Community College

Acme Monoco
 Corporation
New Britain
 Anomatic Corporation
Naugatuck
 Arthur G. Russell
Bristol
 Barden Corporation
Danbury
 Carpin Manufacturing
Waterbury
 Component
 Engineering
 Corporation
Wallingford
 Concentric Tool
Waterbury
 CON-Tec, Inc.
Naugatuck
 Danver Corporation
Wallingford
 EDAC/Apex Machine
Farmington
 Gar Kenyon Corporation
Meriden

GSS Corporation
Glastonbury
 H&T Waterbury
Waterbury
 HDB Inc.
Winsted
 HOLO Krome
Wallingford
 Hylie Products
Watertown
 Mirror Polishing
 Products
Waterbury
 Noujaim Tool
 Company
Waterbury
 OKAY Industries
New Britain
 Pegasus
 Manufacturing Inc.
Middletown
 Platt Brothers,
 Corporation
Waterbury
 Prospect Machine
 Products, Inc.
Prospect
 R and R Machine
Bristol
 Ramdy Corporation
Oakville
 RBC Corporation
Oxford
 Seidel Corporation
Waterbury
 The Marion
 Manufacturing Co.
Cheshire
 The Siemon Corporation
Watertown
 Tier One Machining
Newtown
 Traver IDC
Waterbury
 Truelove & Mclean
Watertown
 Trumpf Corporation
Farmington
 Ward Leonard
Thomaston
 Winsted Precession Ball
Winsted

Quinebaug Valley Community College

Acme Wire
Mystic
 Alpha Q
Colchester
 ARS Products Inc.
Plainfield
 Baystate Machine, LLC
Plainfield
 Bollore Inc.
Dayville
 C&M Corporation
Dayville
 Century Tool Company
Thompson
 Collins & Jewell
Bozrah
 Connecticut Tool
Putnam
 Deep River Plastics
Deep River
 ERW Inc.
Putnam
 Foster Corporation
Putnam
 General Cable
 Corporation
Willimantic
 General Dynamics
 Electric Boat
Groton
 Gentex Inc.
Dudley, MA
 International Paper
Hartford
 Kocheck Co. Inc.
Putnam
 Linemaster Switch
 Corporation
Woodstock
 Mead West Vaco Corp.
Stamford
 Micro Precision Corp
South Windham
 MPS Plastics Engineering
Marlborough
 New England Plasma
Putnam
 Plas-Pak Industries Inc.
Norwich

Pro-Manufactured
Products
Plainfield

Putnam Plastics
Company
Putnam

Putnam Precision
Molding
Putnam

Slater Hill Tool
Putnam

Sound Manufacturing
Old Saybrook

Spirol Corporation
Danielson

Superwinch Inc
Dayville

The Lee Company
Old Saybrook

Unicorr Packaging Group
North Haven

Unified Sports Inc. &
Jaypro Sports
Waterford

Web Industries
Dayville

Westminster Tool
Plainfield

Whitcraft Corp
Eastford

Xuare
Norwich

**Three Rivers Community
College**

Acme Wire
Mystic

Alpha Q
Colchester

ARS Products, Inc.
Plainfield

BGR Radiator
Plainfield

Chapco Inc.
Chester

Collins & Jewell
Bozrah

Columbia Manufacturing
Columbia

Connfab
Uncasville

DB Cotton
Metals/Rawson
Screens
Putnam

ERW
Putnam

General Dynamics
Electric Boat
Groton

J. Steele Services
Mystic

Jaypro Sports
Waterford

LBI Corp.
Groton

Mystic Stainless
& Aluminum
Mystic

Nutron Manufacturing
Norwich

Pro Forming Sheet Metal
Norwich

RD Manufacturing
East Lyme

Seconn Fabrication
Waterford

Sikorsky Aircraft
Stratford

Siri Wire
Killingly

Sonalysts
Waterford

Sound Manufacturing
Old Saybrook

The Hillery Co.
Groton

Whitcraft Group
Eastford

Xuare
Norwich



INDUSTRY PARTNERS BY STATE SENATE DISTRICT

| Asnuntuck Community College | Senate District |
|---|------------------------|
| Cianbro Corporation, Bloomfield | 2 |
| Kaman Aerospace, Bloomfield | 2 |
| Leipold Inc., Windsor | 2 |
| ATI Ladish Machining, East Hartford | 3 |
| United Steel, East Hartford | 3 |
| Country Pure Foods, Ellington | 3 |
| Clear Edge Power, South Windsor | 3 |
| Flanagan Industries, Glastonbury | 4 |
| AdChem Manufacturing, Manchester | 4 |
| Airgas East, Inc, Manchester | 4 |
| Acceleron Inc., East Granby | 7 |
| CBS Manufacturing, East Granby | 7 |
| Joining Technologies, East Granby | 7 |
| Delta Industries, East Granby | 7 |
| CNC Engineering, Enfield | 7 |
| Senior Aerospace CT, Enfield | 7 |
| Arcor Lasor, Suffield | 7 |
| Westinghouse Electric, Windsor | 7 |
| Hamilton Sundstrand, Windsor Locks | 7 |
| Sterling Engineering, Barkhamsted | 8 |
| Pratt & Whitney (IAMAW), Middletown | 9 |
| Quality Welding, Inc., Bristol | 32 |
| Gerber Technology, Tolland | 35 |
| Notch Mechanical Construction, Chicopee, MA | |
| Technical Education Products, Hampden, MA | |
| Mitchell Machining, Springfield, MA | |

| Housatonic Community College | Senate District |
|--------------------------------------|------------------------|
| Radiall, New Haven | 11 |
| Alinabal, Milford | 14 |
| Balding Precision, Milford | 14 |
| Bead Industries, Milford | 14 |
| Bic, Milford | 14 |
| Drillmasters/EI Dorado Tool, Milford | 14 |
| Excello Tool, Milford | 14 |
| Milford Chamber of Commerce, Milford | 14 |
| MRH Tool, Milford | 14 |
| Precision Sensors, Milford | 14 |
| Xcel Tool & Manufacturing, Milford | 14 |
| Orange Research, Milford | 14 |
| Sheldon Precision, Prospect | 16 |
| NPI Medical, Ansonia | 17 |
| Edgewell/ Schick, Shelton | 21 |
| Greater Valley Chamber | |

| | |
|------------------------------------|----|
| of Commerce, Shelton | 21 |
| Naiad Dynamics US, Inc, Shelton | 21 |
| OEM Controls, Shelton | 21 |
| Preferred Precision, Shelton | 21 |
| Treif, Shelton | 21 |
| Nesco Resource, Stratford | 21 |
| Ashcroft, Stratford | 21 |
| Northeast Laser Engraving, Monroe | 22 |
| O'Keefe Controls, Monroe | 22 |
| Alloy Engineering, Bridgeport | 23 |
| Bridgeport Fittings, Stratford | 23 |
| Ippolito Tool, Bridgeport | 23 |
| Moore Tool, Bridgeport | 23 |
| NN Inc., Bridgeport | 23 |
| Schwerdtle Stamp, Bridgeport | 23 |
| Lindquist Steel, Stratford | 23 |
| McMellon Brothers, Stratford | 23 |
| Straton Industries, Stratford | 23 |
| Barden Corporation, Danbury | 24 |
| PDC International, Norwalk | 25 |
| ASML, Wilton | 26 |
| HEIM/RBS Bearings, Fairfield | 28 |
| Hubbell Wiring Systems, Newtown | 28 |
| Tier One Machining, Newtown | 28 |
| Gen-EI-Mech, Oxford | 32 |
| Microboard Processing Inc, Seymour | 32 |
| Covidien/ Medtronic, North Haven | 34 |
| APS Technologies, Wallingford | 34 |
| Holo-Krome, Wallingford | 34 |

| Manchester Community College | Senate District |
|--|------------------------|
| Aero Gear, Windsor | 2 |
| Leipold Precision Group, Windsor | 2 |
| Pratt & Whitney, East Hartford | 3 |
| Allegheny Technology Inc., East Hartford | 3 |
| EDAC, Glastonbury | 4 |
| ACMT (Adchem), Manchester | 4 |
| Highland Manufacturing, Manchester | 4 |
| CT Spring & Stamping, Farmington | 5 |
| Legrand/Wiremold, West Hartford | 5 |
| UTC Aerospace Systems, Windsor Locks | 7 |
| Pratt & Whitney, Middletown | 9 |
| GKN Aerospace, Newington | 9 |
| Columbia Manufacturing, Columbia | 19 |
| CT Tool & Manufacturing, LLC, Plainville | 31 |

Middlesex Community College Senate District

| | |
|--|----|
| Alton Tool, Berlin | 6 |
| Addaero Manufacturing, New Britain | 6 |
| Admill Machine, New Britain | 6 |
| Creed Monarch, New Britain | 6 |
| Day Machine Systems, Inc, New Britain | 6 |
| OKAY Industries, New Britain | 6 |
| Polamer Precision, New Britain | 6 |
| Winslow Automatics, New Britain | 6 |
| DIBA, Berlin | 7 |
| GKN Structures, Cromwell | 9 |
| Pratt & Whitney Aircraft, Middletown | 9 |
| Direct Color Systems, Rocky Hill | 9 |
| DI-EL Tool and Manufacturing, Meriden | 13 |
| Logan Steel, Meriden | 13 |
| Midstate Chamber of Commerce, Meriden | 13 |
| TG Industries, Inc, Meriden | 13 |
| Wepco Plastics, Inc, Middlefield | 13 |
| Zygo Corporation Inc., Middlefield | 13 |
| Pegasus Manufacturing Inc., Middletown | 13 |
| The Rogers Manufacturing Co, Rockfall | 13 |
| AeroCision, Chester | 33 |
| Deep River Plastics, Deep River | 33 |
| Jarvis Airfoil, Portland | 33 |
| Chapman Manufacturing Co, Durham | 34 |
| Hobson-Motzer Inc., Durham | 34 |
| The Brittany Co., Wallingford | 34 |
| Holo-Krome Inc., Wallingford | 34 |

Naugatuck Valley Community College Senate District

| | |
|--|----|
| GSS Corporation, Glastonbury | 4 |
| EDAC/Apex Machine, Farmington | 5 |
| Trumpf Corporation, Farmington | 5 |
| Acme Monoco Corporation, New Britain | 6 |
| OKAY Industries, New Britain | 6 |
| Gar Kenyon Corporation, Meriden | 13 |
| Pegasus Manufacturing Inc., Middletown | 13 |
| Anomatic Corporation, Naugatuck | 15 |
| CON-Tec, Inc., Naugatuck | 15 |
| Concentric Tool, Waterbury | 15 |
| H&T Waterbury, Waterbury | 15 |
| Mirror Polishing Products, Waterbury | 15 |
| Noujaim Tool Company, Waterbury | 15 |
| Platt Brothers, Corporation, Waterbury | 15 |
| Seidel Corporation, Waterbury | 15 |
| Traver IDC, Waterbury | 15 |
| The Marion Manufacturing Co., Cheshire | 16 |

| | |
|--|----|
| Prospect Machine Products, Inc., Prospect | 1 |
| Carpin Manufacturing, Waterbury | 16 |
| Barden Corporation, Danbury | 24 |
| Tier One Machining, Newtown | 28 |
| HDB Inc., Winsted | 30 |
| Winsted Precession Ball, Winsted | 30 |
| Arthur G. Russell, Bristol | 31 |
| R and R Machine, Bristol | 31 |
| Ward Leonard, Thomaston | 31 |
| Ramdy Corporation, Oakville | 32 |
| RBC Corporation, Oxford | 32 |
| Hylie Products, Watertown | 32 |
| The Siemon Corporation, Watertown | 32 |
| Truelove & Mclean, Watertown | 32 |
| Component Engineering Corporation, Wallingford | 34 |
| Danver Corporation, Wallingford | 34 |
| HOLO Krome, Wallingford | 34 |

Quinebaug Valley Community College Senate District

| | |
|--|----|
| International Paper, Hartford | 1 |
| General Dynamics Electric Boat, Groton | 18 |
| Acme Wire, Mystic | 18 |
| ARS Products Inc., Plainfield | 18 |
| Baystate Machine, LLC, Plainfield | 18 |
| Pro-Manufactured Products, Plainfield | 18 |
| Westminster Tool, Plainfield | 18 |
| MPS Plastics Engineering, Marlborough | 19 |
| Plas-Pak Industries Inc., Norwich | 19 |
| Xuare, Norwich | 19 |
| Collins & Jewell, Bozrah | 20 |
| The Lee Company, Old Saybrook | 20 |
| Unified Sports Inc. & Jaypro Sports, Waterford | 20 |
| Mead West Vaco Corp., Stamford | 27 |
| Spirol Corporation, Danielson | 29 |
| Bollore Inc., Dayville | 2 |
| C&M Corporation, Dayville | 29 |
| Superwinch Inc, Dayville | 29 |
| Web Industries, Dayville | 29 |
| Connecticut Tool, Putnam | 29 |
| ERW Inc., Putnam | 29 |
| Foster Corporation, Putnam | 29 |
| Kochek Co. Inc., Putnam | 29 |
| New England Plasma, Putnam | 29 |
| Putnam Plastics Company, Putnam | 29 |
| Putnam Precision Molding, Putnam | 29 |
| Slater Hill Tool, Putnam | 29 |
| Micro Precision Corp, South Windham | 29 |

INDUSTRY PARTNERS BY STATE SENATE DISTRICT

| | |
|--|----|
| Century Tool Company, Thompson | 29 |
| General Cable Corporation, Willimantic | 29 |
| Alpha Q, Colchester | 3 |
| Deep River Plastics, Deep River | 33 |
| Sound Manufacturing, Old Saybrook | 33 |
| Unicorr Packaging Group, North Haven | 34 |
| Whitcraft Corp, Eastford | 35 |
| Linemaster Switch Corporation, Woodstock | 35 |
| Gentex Inc., Dudley, MA | - |

| Three Rivers Community College | Senate District |
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|---|----|
| General Dynamics Electric Boat, Groton | 18 |
| LBI Corp., Groton | 18 |
| The Hillery Co., Groton | 18 |
| Acme Wire, Mystic | 1 |
| J. Steele Services, Mystic | 18 |
| Mystic Stainless & Aluminum, Mystic | 18 |
| ARS Products, Inc., Plainfield | 1 |
| BGR Radiator, Plainfield | 18 |
| Columbia Manufacturing, Columbia | 19 |
| Nutron Manufacturing, Norwich | 19 |
| Pro Forming Sheet Metal, Norwich | 19 |
| Xuare, Norwich | 19 |
| RD Manufacturing, East Lyme | 20 |
| Connfab, Uncasville | 20 |
| Jaypro Sports, Waterford | 20 |
| Seconn Fabrication, Waterford | 20 |
| Sonalysts, Waterford | 20 |
| Collins & Jewell, Bozrah | 21 |
| Sikorsky Aircraft, Stratford | 21 |
| Siri Wire, Killingly | 29 |
| DB Cotton Metals/Rawson Screens, Putnam | 29 |
| ERW, Putnam | 29 |
| Chapco Inc., Chester | 33 |
| Alpha Q, Colchester | 33 |
| Sound Manufacturing, Old Saybrook | 33 |
| Whitcraft Group, Eastford | 35 |

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