

**COLLEGE OF
TECHNOLOGY**



www.nextgenmfg.org

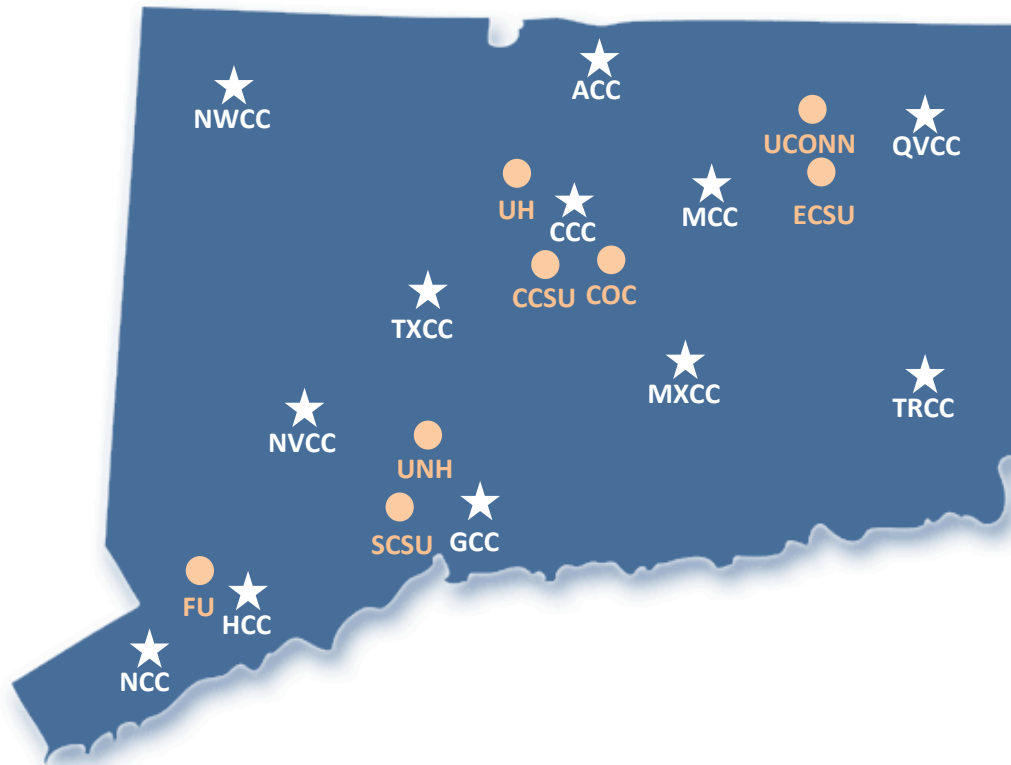
A National Science Foundation Center of Excellence

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Supported the College of Technology – Regional Center for Next Generation Manufacturing (COT-RCNGM), a NSF ATE center of excellence, award number 1419783. Any opinions, findings, and conclusions or recommendations expressed are those of the author(s) and do not necessarily reflect the view of the National Science Foundation (www.nsf.gov).

COT Higher Education Partners: CT State Colleges and Universities, Private Univ. and Industry

Virtual College Established 1995



LEGEND

12 Community Colleges

ACC	Asnuntuck CC
CCC	Capital CC
GCC	Gateway CC
HCC	Housatonic CC
MCC	Manchester CC
MXCC	Middlesex CC
NVCC	Naugatuck Valley CC
NWCC	Northwestern CT CC
NCC	Norwalk CC
TRCC	Three Rivers CC
TXCC	Tunxis CC
QVCC	Quinebaug Valley CC

8 Universities

CCSU	Central Connecticut University
COC	Charter Oak State College
ECSU	Eastern CT State University
FU	Fairfield University
SCSU	Southern CT State University
UCONN	University of Connecticut
UH	University of Hartford
UNH	University of New Haven

REGIONAL CENTER FOR NEXT GENERATION MANUFACTURING: An NSF CENTER OF EXCELLENCE

OTHER: Mechanical & Manufacturing Technologies (MET2)

Project Grant for Professional Development for Faculty

**One of five grants received for CC nationwide for collaboration with Germany-
students spent a month in Germany studying and visiting industry**

Federal Department of Labor (DOL) Grants

- Trade Adjustment Assistance Community College and Career Training (TAC CCT) Grants: Connecticut Advanced Manufacturing Institute (CAMI)
- New Apprenticeship Models: Grant Awarded from Manufacturing USA Institute called ARM.

CT Advanced Manufacturing Centers: State of CT Funds to create and further expand CC Manufacturing Centers modeled after Asnuntuck CC

Naugatuck Valley CC, Housatonic CC, Quinebaug Valley CC
Manchester CC, Middlesex CC, Three Rivers CC, Tunxis CC



NATIONAL INITIATIVES: Manufacturing USA Institutes

What is Manufacturing USA?

- Linked Manufacturing Innovation Institutes with common goals, but unique concentrations that provide a road map for where manufacturing is heading
- Launched in 2011 by President Obama as the National Network for Manufacturing Innovation (NNMI)
- Industry, education, and government partners
- Nurture manufacturing innovation and accelerate commercialization
- Each institute is a public-private membership organization
- Each institute sponsors projects

Manufacturing USA Institutes



Additive Manufacturing
Ohio



Digital Technologies for Manufacturing
Illinois



Lightweight Metal Manufacturing
Michigan



Semiconductor Technology
North Carolina



Advanced Composite Manufacturing /Recycling
Tennessee



Photonic Integrated Circuits
New York



Advanced Robotics for
Manufacturing
Pennsylvania



Flexible Hybrid Electronics
California



Smart Fabrics
Massachusetts



Smart Sensors & Digital Process Controls
California



Biofabrication, Robotics &
Biotechnology
New Hampshire



Metrology,
Biotechnology, Materials
Delaware



Chemical and Material Processing
New York



Recycling, Reuse Sustainability
New York