



# MDIA FOUNDING PARTNERS

+ EDUCATION



MAINE  
MARITIME  
ACADEMY

## Maine Community College System (MCCS)

MCCS creates an educated, skilled, and adaptable labor force through Maine's seven community colleges across the state. MCCS will support Maine's defense industry through a wide range of industrial technology degree, certificate, and short-term workforce training programs offered at all seven colleges, including precision machining and manufacturing, welding, construction, and marine design.

## Maine Maritime Academy (MMA)

MMA programs divide a highly trained and certified workforce to the industrial base. MMA's rich maritime heritage and culture is steeped in military tradition with the proud history of producing graduates who have sailed on Liberty ships, U.S. Navy combatant and supply ships, and served in countless other roles that are critical to the transportation system supporting our economic health and national security. Many MMA students complete both theoretical and hands-on coursework in critical trade skills such as ship design, construction, and repair.



## The Roux Institute at Northeastern University

Northeastern's Roux Institute is designed to spur innovation, build talent, and drive economic growth in the state of Maine and the Northeast. Roux Institute will integrate graduate and professional education and training in industry 4.0-focused Data Analytics & Data Visualization skills for machine control and systems-level decision-making for the advanced manufacturing and supply chain (M&SC) systems of the future. Initial training is aimed at leaders and professionals who can guide and accelerate Industry 4.0 adoption and expansion, with further curriculum development and experiences that integrate into 4-year university and community college education and training.



## University of Maine (UMaine) System

University of Maine System's flagship campus, the University of Maine is the state's only R1 public research university. UMaine's Advanced Manufacturing Center will run the Maine Statewide Partnership for Manufacturing Training Innovation in collaboration with Southern Maine Community College to train students and incumbent workers to modernize manufacturing processes (Industry 4.0) and improve manufacturing efficiency. The University of Maine System will also coordinate activities through its other six campuses and satellite instructional sites.



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**GENERAL DYNAMICS**  
Bath Iron Works

## General Dynamics Bath Iron Works

Part of General Dynamics Marine Systems, Bath Iron Works (BIW) is a full-service shipyard specializing in the design, building, and support of complex surface combatants for the U.S. Navy. One of the largest private sector employers in Maine, BIW anticipates needing to hire 3,500 employees by 2026 across labor divisions, as many long-term employees retire. The employment needs include a variety of skill sets from carpentry, crane operators, electricians, insulators, general laborers, machinists, painters, pipefitters, tinsmiths, welders, and riggers.



## Portsmouth Naval Shipyard

Portsmouth Naval Shipyard employs a civilian workforce to safely overhaul, repair, and modernize the U.S. Navy's nuclear-powered attack submarine fleet. Established in 1800 and one of four remaining shipyards in the Navy, Portsmouth Naval Shipyard anticipates hiring approximately 2,745 employees over the next 5 years across a variety of skill sets including shipfitters, welders, machinists, electricians, pipefitters, painters, fabricators, tool room trades, electronics workers, insulators, and shipwrights.

 **Pratt & Whitney**  
An RTX Business

## Pratt & Whitney North Berwick Aero Systems

Pratt & Whitney is a world leader in the design, manufacture, and service of aircraft engines and auxiliary power units. At Pratt & Whitney's Aero Systems Facility in North Berwick, 50% of its 1,900 employees have fewer than 5 years of work experience. Many will need continuous cross training both on current processes and on new technological advancements. In all, the company anticipates needing to hire some 1,400 machinists, assemblers, and inspectors over the next 5 years.



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+ GOVERNMENT



## Maine Department of Economic & Community Development (DECD)

Maine DECD works with statewide and local partners, private industry, and small businesses to enhance and sustain economic prosperity in Maine. With talent and innovation identified in Maine's 10-Year Economic Development Plan as cornerstones for growth, Maine DECD connects businesses to this comprehensive workforce development initiative that spans from career exploration for K-12 students to higher education institutions that provide co-op experiences, internships, and apprenticeships.



## Maine Department of Education (MDOE)

MDOE promotes the best learning opportunities for all Maine students. Career & Technical Education (CTE) Centers offer rigorous, hands-on-learning programs that prepare students for academic success and career placement. Maine Adult Education will expand contextualized academic and bridge classes in areas related to defense industry jobs to widen access through non-traditional pathway training such as Integrated Education and Training and registered pre-apprenticeships.



## Maine Department of Labor (MDOL)

MDOL provides employment & career services to jobseekers, with a focus on those from underrepresented communities, through 12 career centers, local workforce partners, and key programs. The Maine Apprenticeship Program, in partnership with MDOL, will scale the reach and success of pre-apprenticeship and registered apprenticeship programs for the defense sector. In partnership with local Career & Technical Education (CTE) Centers, MDOL will expand pathways to defense occupations and will strengthen alignment with DOD standards and certifications.



Maine International  
Trade Center

## Maine International Trade Center (MITC)

MITC helps Maine companies succeed in international markets and fuel Maine's economic growth. MITC's Defense Industry Maine initiative delivers technical and financial assistance to small businesses and communities to plan and carry out civilian responses to workforce, business, and community needs arising from defense actions and policies. The defense sector and supply chain are international and require people with global experience and perspectives.