

4.a.(1) ABSTRACT

PCT MIDAS

Lead Applicant / Organization Name:		Pennsylvania College of Technology (PCT)
Lead applicant entity type:		Technical College
Lead Applicant City and State:		Williamsport, PA
Select Grant Category:	<input checked="" type="checkbox"/> Ensuring Equitable Apprenticeship Pathways and Partnerships Through Pre-Apprenticeship Leading to RAP Enrollment: up to \$4 million <input type="checkbox"/> Creation of Education System-aligned Pre-apprenticeship and Registered Apprenticeship Programs: up to \$4 million <input type="checkbox"/> Registered Apprenticeship Hubs up to Registered Apprenticeship Hubs: up to \$6 million for projects with a local/regional or statewide geographic scope; and up to \$8 million for projects with a national geographic scope.	
Project Title:		MIDAS+
Funding Amount Requested:		\$4,000,000
Applicants Geographic Scope of Proposed Project:		Statewide - Pennsylvania
Number of apprentices enrolled in RAPs during the life of the grant:		486
Number of pre-apprentices enrolled during the life of the grant:		865
Population(s) to be served:	<ul style="list-style-type: none"> • Underemployed Advanced Manufacturing incumbent workers. • Rural and Urban High School, Cyber/Charter (over 16) students. • Rural WIOA Youth. • Rural prison re-entry populations, including women, youth, and men. • Justice40 census tract communities. 	
Required Partners:		
Organization Name	Entity Type	
Pennsylvania College of Technology	Technical College, applicant	
Pennsylvania State Apprenticeship Training Office (ATO)	State Apprenticeship Agency	
ELLWOOD	Advanced Manufacturing Apprenticeship Employer	
Kellanova	Advanced Manufacturing Apprenticeship Employer	
West Pharmaceuticals Services, Inc.	Advanced Manufacturing Apprenticeship Employer	
Westlake	Advanced Manufacturing Apprenticeship Employer	
STEP, Inc.	Equity-focused CBO	
Transitional Living Centers, Inc.	Equity-focused CBO	
Optional Partners:		
Organization Name	Entity Type	
Advance Central PA, CSIU	Workforce Development Board, operating the Central Susquehanna Intermediate Unit (CSIU) responsible for delivery of WIOA services.	
Commonwealth Charter Academy	Title 1 K-12 public charter cyber school serving students throughout Pennsylvania.	

4.a.(1) ABSTRACT

PCT MIDAS

Executive Academy Charter School	Title 1 K-12 public charter school serving students in the Allentown/Lehigh County region.
Southern Tioga School District	Title 1 K-12 public school serving students in Tioga County.
Lawrence County Regional Chamber	Operates the Lawrence County Economic Development Corporation.
Lycoming County Commissioners	Oversee the Lycoming County Probation and reentry system.
Smart Futures	Provides over 50% of schools and education agencies in PA with an online Career Planning and Portfolio platform.

Project Purpose:

PCT requests funding for **MIDAS+**, with a mission to increase the pipeline of pre-apprentices and apprentices to meet significant employer demand for Advanced Manufacturing (AM) workers, including gateway and semiconductor occupations. To address this mission, the project has the following goals: **1) Expand PCT existing registered AM pre-apprenticeship (AMP) programs** across PA, engaging new populations in leading-edge programs that are flexible, customizable, and lead to enrollment in Advanced Manufacturing RAPs across PA and the US, **2) Expand PCT existing national RAPs and develop new national RAPs** in high-demand Advanced Manufacturing gateway and semiconductor occupations, **3) Identify breaks and pinch points in pipelines into registered AMP programs and pathways to national AM RAPs and mitigate them**, leveraging partnerships with organizations, agencies, and intermediaries, and serving diverse and underserved populations and **4) Continuously improve program effectiveness and scalability** by innovating and using emerging systems and technology. In line with USDOL’s interest in building on existing RAP efforts to maximize resources and minimize duplication of effort, **MIDAS+** will use lessons learned to improve pre-apprenticeship system alignment to increase access to RAPs, removing jobseeker barriers to employment and training, especially for underrepresented populations and underserved rural communities, many in Justice40 census tracts, in Pennsylvania and across

Partner Activities:

Partners will support the recruitment and support services of pre-apprenticeship participants to increase AMP enrollment and completion. Populations include traditional high school students and cyber/charter school students over the age of 16, WIOA youth, and women and men in re-entry. Provide programs and wrap-around services aimed at helping pre-apprentices meet their basic needs and overcome challenging situations, including training and employment barriers, so that they can become employed and enrolled in RAPs.

List of Credential(s) to be awarded:

- Journeyworker papers (PA ATO or US DOL)
- Registered Pre-apprenticeship credential (PA ATO)
- Certified Manufacturing Associate, or CMfgA (SME)
- Robotics in Manufacturing Fundamentals or RMF (SME)
- Manufacturing Skills Certificate and Manufacturing Technician Level 1 Certificate (MSI)
- Industrial Electricity I Certificate, Mechanical Components I Certificate, Fluid Power I Certificate, and PLCs I Certificate (PMMI)
- Project Planning, Milling, Lathe Work, and CNC Programming (NIMS)

Summary of Program Activities:

- 1) Expand PCT existing registered AM pre-apprenticeship (AMP) programs across PA.
- 2) Expand PCT existing national RAPs and develop new national RAPs in high-demand AM gateway and semiconductor occupations.
- 3) Identify breaks and pinch points in pipelines into registered AMP programs and pathways to national AM RAPs and mitigate them.
- 4) Continuously improve program effectiveness and scalability by innovating, leveraging partnerships, and using emerging systems and technology.

Public Contact Information:

Name:	Beth Bittenbender
Title:	Executive Director, Workforce Development Operations
Address:	1127 West Fourth Street, Williamsport, PA 17701
Phone Number:	570-327-4775, x7562
Email Address:	Bmb19@pct.edu