



**ILISAGVIK
COLLEGE**



**Technical Training Center
Prudhoe Bay, AK**



Technical Training Center

Purpose: To offer an industry standard training program in a facility located in the industrial and economic hub of Prudhoe Bay, AK.

Focus: An emphasis on high demand vocational and technical occupations of the North Slope.





GOAL: To create the initial partnership and structure between Iḷisaġvik College and the North Slope Borough to support the Technical Training Center in Prudhoe Bay, AK.



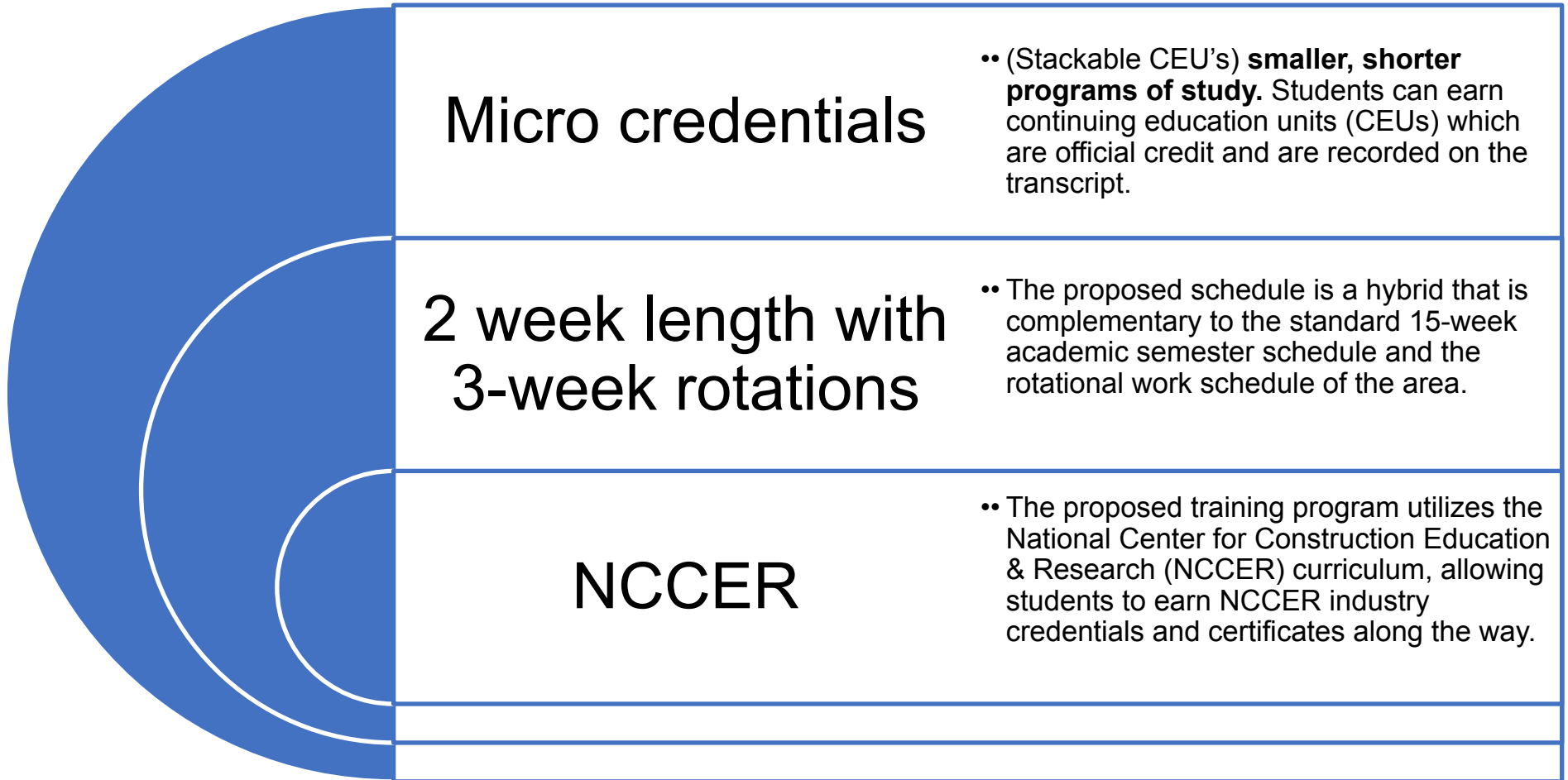
Iḷisaġvik College will serve as the educational agency with the purpose of creating and delivering relevant and rigorous training programs.



The North Slope Borough is the industry partner and primary employer of the trainees.



- First Student Cohort | Building Maintenance Training Pathway (BMTP)



Potential Certifications

- Building Maintenance Management
- Electrical Specialist
- Plumbing Specialist
- Heating, Ventilation, & Air Conditioning (HVAC) Specialist
- Refrigeration Specialty
- Tenant Finish Carpentry
- Welding
- Heavy Equipment and CDL
- Hospitality and Tourism
- Culinary Arts
- Water Treatment & Wastewater Certification
- Other topics as determined by site administrator and NSB advisory, or other employer needs

Example Micro-Credential Pathway & Topics:

Training Topic 1: Weeks 1 & 2
(Safety, Tools & Materials,
Selective Demo, & Layout)

Hands-on Topics:

- Construction Safety (OSHA 10 or equivalent) – 10 hours of safety topics relevant building maint. technician.
- Introduction to hand & power tools
- Material handling
- Selective demolition
- Wall & framing

Training Topic 2: Weeks 3 & 4
(Framing, Drywall and
Finishing, Electrical Circuits)

Hands-on Topics:

- Basic wall, floor, ceiling framing
- Drywall installation & finish
- Simple circuits and wiring
- Conduit bending
- Electrical box/components installation

Training Topic 3: Weeks 5 & 6
(HVAC & Hydronics)

Hands-on Topics:

- Heating equipment troubleshooting basics
- Hydronic heating components
- Basic thermostat wiring and operation

Example Micro-Credential Pathway & Topics:

Weeks 1 & 2

Workforce Development Topics:

- Basic communication skills
- Professionalism in the workplace
- Basic employability skills
- Introduction to construction drawings
- Basic construction math
- Introduction to the Building Maintenance Technician role and specialties

Weeks 3 & 4

Workforce Development Topics:

- Electrical basics and theory
- Electrical safety
- Materials, adhesives, and fasteners
- Weatherization & energy savings
- Microsoft Office Suite basics (Word, Excel, PowerPoint, and Outlook)

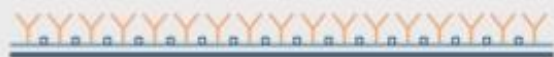
Weeks 5 & 6

Workforce Development Topics:

- Introduction to the HVAC (Heating, Ventilation, and Air Conditioning)
- Fire safety and prevention
- Low voltage circuits
- Maintenance schedules and tracking
- Snow removal, garbage collection, and the other non-glorious roles of the maintenance technician
- Payroll, benefits, and various other Human Resource topics



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**QUYANAQPAK!
THANK YOU!**

