



<b>Grant Program:</b>	Healthcare Sector and Other High Growth and Emerging Industries
<b>Grantee Name:</b>	<b>Northland Community and Technical College</b>
<b>Grantee City/State:</b>	Thief River Falls, MN
<b>Grant Award Amount:</b>	\$4,996,844
<b>Initial Period of Performance:</b>	March 2010 - February 2013
<b>Project Name:</b>	"Establishing Unmanned Aircraft Systems (UAS) Maintenance Technician Certificate Curriculum and Training Programs for Employment of Incumbent and Dislocated Workers in Emerging UAS Industries."
<b>Project Description:</b>	<p>Northland Community and Technical College (NCTC) will develop and implement training curriculum to prepare target populations for employment as maintenance technicians in the unmanned Aircraft Systems. The UAS curriculum will expand the College's current Aviation Maintenance Technology training program to include a 16 credit UAS certificate program. The curriculum will be co-developed with key partners and will focus on three primary fields of UAS maintenance:</p> <ol style="list-style-type: none"> <li>1. Computer systems;</li> <li>2. UAS vehicle body;</li> <li>3. Integration training to combine both skills.</li> </ol> <p>In addition to the proposed target populations, the maintenance training program will work with incumbent and displaced Federal Aviation (FAA) workers. For participants with previous certifications in this cohort, the UAS maintenance technician training program will take less than six months from enrollment to job placement.</p>
<b>Areas Served by Grant:</b>	State of Minnesota; Minnesota counties including: Clearwater, Kittson, Marshall, Norman, Pennington, Polk, Red Lake, Roseau, Mahnomen, Hubbard, Beltrami, and Lake of the Woods County.
<b>Targeted Industries:</b>	Unmanned Aircraft Systems (UAS)
<b>Targeted Credentials:</b>	UAS Maintenance Certificate
<b>Targeted Occupations:</b>	UAS Maintenance Technician; UAS Maintenance and Repair
<b>Targeted Populations:</b>	Unemployed, dislocated workers, and Veterans
<b>All Project partners:</b>	Northland Community and Technical College; Office of the Chancellor of the Minnesota State Colleges and University System; UND Center of Excellence; Grand Forks Air Force Base; General Atomics; Northrop Grumman; Thief River Falls WorkForce Center; Crookston WorkForce Center; Northwest Private Industry Council; Rural MN CEP, Inc.; UAS Division of BAE Systems; INSITU UAS Division of Boeing Industries;





	Dryden Research Center of NASA; Air Resources Laboratory of the National Oceanic and Atmospheric Administration (NOAA); VistaNAv Division of Mercury Computer Systems, Inc.; and UVS Canada
<b>Projected outcomes:</b>	
Total number of participants served:	148
Total number of participants beginning education/training activities:	150
Total number of participants completing education/training activities:	148
Total number of participants who complete education/training activities and receive a degree/certificate:	148
Total number of participants who complete education/training activities and are placed into unsubsidized employment:	INA
Total number of participants who complete education/training activities and are placed into training-related unsubsidized employment:	148
Total number of participants placed in unsubsidized employment who retain an employed status in the first and second quarters following initial placement:	148
<b>Other Key Project Deliverables:</b>	NA
<b>Contact Information:</b>	Scott Fletcher 1101 Highway One East Thief River Falls, MN 56701 <a href="mailto:scott.fletcher@northlandcollege.edu">scott.fletcher@northlandcollege.edu</a>

