

2008 - 2009 Outcomes Assessment

MACHINE TOOL TECHNOLOGY / CNC

Goals	Intended Outcomes	Assessment Criteria/Procedures	Assessment Results	Use of Results
<p>To train graduates to use metal cutting tools and precision measuring instruments</p>	<p>Graduates of the program will perform measurements with calipers, micrometers, indicators and other tools to a proficiency of 90% by graduation.</p>	<p>Inspection Sheet; Projects; Manufacturing Blueprint Specifications</p>	<p>Graduates have demonstrated the ability to read measuring instruments to a proficiency of 90% or better.</p>	<p>Updated projects based on industry advisory input.</p>
	<p>Graduates of the program will demonstrate basic programming, editing, set-up, and operation of CNC mills and lathes to a proficiency of 90% by graduation.</p>	<p>On-site; Hands-on Evaluation using Rubric</p>	<p>Graduates have demonstrated the ability for programming and editing to a proficiency of only 80%.</p>	<p>Implemented credentialing exam. Updated machinery & training modules and software.</p>
	<p>Graduates will demonstrate the manual cutting process of various materials to a proficiency of 90% by graduation.</p>	<p>Inspection Sheet; Projects; Manufacturing Blueprint Specifications</p>	<p>Graduates have demonstrated the ability to select proper cutting procedures to a proficiency of 85%.</p>	<p>Utilized new technology & used different manufacturing methods.</p>

	<p>Graduates will demonstrate industrial blueprint interpretation to a proficiency of 90% by graduation.</p> <p>90% of graduates of the MTT / CNC program will be employed in field within 6 months of graduation from the program.</p> <p>Employers of graduates of the MTT / CNC program will rate their satisfaction with the graduate's skills at a level of 99% or higher.</p> <p>99% of graduates will strongly agree / agree that the program adequately prepared them for entry level employment.</p>	<p>Inspection sheets; Projects manufactured to blueprint specifications</p> <p>Graduate Surveys</p> <p>Industry surveys</p> <p>Graduate surveys</p>	<p>Graduates have demonstrated the ability to read/interpret blueprints to a proficiency of 80%.</p> <p>100% have obtained jobs within 6 months of graduation.</p> <p>Employers have indicated 100% approval of graduates' skills.</p> <p>Graduates indicated 100% approval of training for entry level employment.</p>	<p>Updated CAD software based upon Advisory committee input.</p> <p>Updated projects and curriculum according to industry comments.</p> <p>Used industry feedback to update lab standards.</p> <p>Reevaluation of program with updates of projects and lab criteria.</p>
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