

## Precision Machining Career Studies Certificate

### Program Coordinator:

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**Program Purpose:** This program is designed to provide individuals with basic machining concepts, blueprint reading and inspection procedures. Upon completion of this program, graduates will be prepared for employment as basic machine tool operators.

First Semester (Fall)		
DRF 161	Blueprint Reading I	2
MAC 161	Machine Shop Practices I	3
MAC 121	Numerical Control I	2
SAF 127	Industrial Safety	2
MAC 116	Machinist Handbook	2
MAC 162	Machine Shop Practices II <sup>1</sup>	3
<b>Total Credits</b>		<b>14</b>
Second Semester (Spring)		
MAC 122	Numerical Control II <sup>2</sup>	3
MAC 163	Machine Shop Practices III <sup>3</sup>	3
MAC 150	Introduction to CAM	3
MAC 164	Machine Shop Practices IV <sup>4</sup>	3
<b>Total Credits</b>		<b>12</b>
<b>Total minimum credits for Career Studies Certificate</b>		<b>26</b>

<sup>1</sup> Pre-Requisite or Co-Requisite of MAC 161

<sup>2</sup> Pre-Requisite of MAC 121

<sup>3</sup> Pre-Requisite of MAC 161,162

<sup>4</sup> Pre-Requisite or Co-Requisite of MAC 163



Students are eligible to test for  
OSHA 10 and Six Sigma Green Belt  
Certification (contingent upon funding).