

## Recommended Sequence of Courses

<b>Program of Study:</b>	Machine Tool Technology Certificate
<b>Department:</b>	Industrial and Trade Technology
<b>Coordinator:</b>	Jim Kelly (707) 527-4488
<b>Effective:</b>	Fall 2012

Course Number	Course Title	Units
<b>First Semester</b>		
MACH 51A	Beg. Mach Tool Tech	2.0
IED 190	Technical Math	1.5
APTECH 45	Basic Drafting Skills	1.5
<b>First Semester Unit Total:</b>		<b>5.0</b>
<b>Second Semester</b>		
MACH 51B	Advanced Machine Tool Tech	2.0
WELD 70	Beg. Welding: Fundamentals	2.0
APTECH 46	Intro to Computer-Aided Drafting	2.0
IED 90B <b>OR</b>	Technical Mathematics	3.0
APTECH 90A	Applied Mathematics	4.0
<b>Second Semester Unit Total:</b>		<b>9.0</b>
<b>Third Semester</b>		
MACH 80A	Intro to CNC Lathe	5.0
MACH 61.1	Ferrous Metallurgy	3.0
<b>Third Semester Unit Total:</b>		<b>8.0</b>
<b>Fourth Semester</b>		
MACH 80B	Intro to CNC Mill	5.0
MACH 61.2	Non-Ferrous Metallurgy	3.0
<b>Fourth Semester Unit Total:</b>		<b>8.0</b>
<b>Minimum units to meet certificate requirements:</b>		<b>30.0</b>