



Packet Number	Packet Title	Articulated Credit	Instructor Initials
<b>UNIT 3</b>	<b>BLUEPRINT READING</b>		
INMT 3A	Machine tool blueprint read	0.83	
INMT 3B	Geometric dim and tolerancing	.33	
	<b>Unit Total</b>	<b>1.16</b>	
<b>UNIT 4</b>	<b>FUNDAMENTAL SKILLS</b>		
INMT 4A	Basic shop math	0.67	
INMT 4B	Machine tool math	0.75	
INMT 4D	Machinist scale	0.08	
INMT 4F	Dividers	0.08	
INMT 4H	Combination square	0.08	
INMT 4K	Surface gage	0.06	
	<b>Unit Total</b>	<b>1.72</b>	
<b>UNIT 5</b>	<b>PRECISION MEASUREMENT</b>		
INMT 5A	Micrometer	0.13	
INMT 5B	Calipers: digital, vern, dial	0.17	
INMT 5C	Telescoping gage	0.13	
INMT 5D	Depth micrometer	0.13	
INMT 5E	Dial indicators	0.13	
INMT 5F	Gage blocks	0.13	
INMT 5G	Machine shop trigonometry	0.67	
INMT 5H	Height gage	0.17	
INMT 5J	Sine bar	0.17	
INMT 5K	CMM Fundamentals	0.25	
	<b>Unit Total</b>	<b>2.08</b>	
<b>UNIT 6</b>	<b>DRILL PRESS AND BAND SAW</b>		
INMT 6A	Shop math-speeds and feeds	0.21	
INMT 6B	Sharpening drill bits	0.25	
INMT 6C	Drilling on the drill press	0.17	
INMT 6D	Reaming on the drill press	0.13	
INMT 6E	Counterbor, spot fac, and count	0.21	
INMT 6F	Hand tap on the drill press	0.21	
INMT 6G	Power tap on the drill press	0.25	
INMT 6H	Drill press project	0.58	
INMT 6J	Band saw blade welding	0.25	
INMT 6K	Vertical band saw project	0.25	
	<b>Unit Total</b>	<b>2.51</b>	

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<b>UNIT 7</b>	<b>TURNING ON LATHE</b>		
INMT 7C	Facing on the lathe	0.21	
INMT 7D	Aligning lathe centers	0.17	
INMT 7E	Paral turn and fil on the lathe	0.21	
INMT 7F	Groov and part on the lathe	0.13	
INMT 7G	Cut radius and external tapers	0.50	
INMT 7H	Knurling on the lathe	0.13	
INMT 7K	Cutting external threads	0.50	
INMT 7L	Cutting Internal threads	0.42	
INMT 7M	Lathe Project	1.25	
	<b>Unit Total</b>	<b>3.52</b>	
<b>UNIT 9</b>	<b>VERTICAL/HORIZONTAL MILLING</b>		
INMT 9A	Dial in vise/tram in head	0.21	
INMT 9B	Fly cutter and end mill/sq block	0.21	
INMT 9D	Digital read/drill, tap and ream	0.25	
INMT 9G	Sine plate/cut angles	0.33	
INMT 9H	Boring head/bore 4 holes	0.33	
INMT 9J	Indexing head/keyways	0.17	
INMT 9N	5C collet holders/cut sq and hex	0.33	
INMT 9Q	Mill project	1.25	
	<b>Unit Total</b>	<b>3.08</b>	
<b>UNIT 10</b>	<b>SURFACE GRINDING</b>		
INMT 10A	Square a block (6 sides)	0.25	
	<b>Unit Total</b>	<b>0.25</b>	
<b>UNIT 13</b>	<b>CNC PROGRAMMING AND MACHINING</b>		
INMT 13A	CNC fundamentals	0.83	
INMT 13B	CNC turning	1.67	
INMT 13C	CNC milling	1.67	
INMT 13D	CNC advanced programming	2.08	
	<b>Unit Total</b>	<b>6.25</b>	
	<b>PROGRAM TOTAL</b>	<b>20.91</b>	