

**READING MUHLENBERG CAREER & TECHNOLOGY CENTER
ADULT EDUCATION
CLOCK HOUR/CREDIT HOUR CHART
FSY 2014-2015**

PROGRAM TITLE: MACHINIST/MACHINE TECHNOLOGY (intergenerational)

CIP CODE: 48.0501

PROCEDURE: Each course title within a fulltime program will have the hours broken down into the Classroom/Lecture Hour and/or Shop/Lab Hours spend on that course. The Clock Hours will be placed in the appropriate column. Next, Credit Hours will be calculated at the rate of one Credit Hour for every 10 Classroom/Lecture Hours and one Classroom/Lecture Hours and one Credit Hour for every 20 Shop/Lab Hours, placed in the appropriate column. Columns will be totaled vertically and horizontally.

<u>COURSE TITLES</u>	<u>CLASSROOM/LECTURE HOURS</u>		<u>SHOP/LAB HOURS</u>		<u>TOTAL HOURS</u>	
	Clock	Credit	Clock	Credit	Clock	Credit
Orientation	15	1.5	30	1.5	45	3.0
Blue Print Interpretation	10	1.0	20	1.0	30	2.0
Measurement	35	3.5	70	3.5	105	7.0
Bench Work	22	2.2	44	2.2	66	4.4
Pedestal Grinder	14	1.4	28	1.4	42	2.8
Band Saw	10.5	1.05	21.5	1.075	32	2.125
Drill Press	16	1.6	32	1.6	48	3.2
Lathe	67	6.7	134	6.7	201	13.4
Milling Machine	60.5	6.05	121.5	6.075	182	12.125
Surface Grinder	30.5	3.05	61.5	3.075	92	6.125
Inspection	9	.9	18	.9	27	1.8

Computerized Numerical Control Concepts	29	2.9	58	2.9	87	5.8
Computerized Numerical Control – Vertical Milling Machine	40	4.0	81	4.05	121	8.05
Computerized Numerical Control – Turning Center	48	4.8	97	4.85	145	9.65
CNC Wire Electrical Discharge Machine	27	2.7	55	2.75	82	5.45
CAD/CAM Programming	29	2.9	57	2.85	86	5.75
Metallurgy	9	.9	19	.95	28	1.85
Employability Skills	7	.7	14	.7	21	1.4
TOTALS	478.5	47.85	961.5	48.075	1440	95.925