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

PROGRAM TITLE: ELECTRICAL, ELECTRONIC & COMMUNICATIONS ENGINEERING TECHNOLOGY (intergenerational)

CIP CODE: 15.0303

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.

COURSE TITLES	CLASSROOM/LECTURE HOURS		SHOP/LAB HOURS		TOTAL HOURS	
	Clock	Credit	Clock	Credit	Clock	Credit
Orientation & Safety	16	1.6	32	1.6	48	3.2
D.C. Circuits Power Source Parameters	34.5	3.45	69.5	3.475	104	6.925
D.C. Network Theorms	15	1.5	31	1.55	46	3.05
Magnetic / Electromagnetic Principles	18.5	1.85	37.5	1.875	56	3.725
A.C. Circuits	43	4.3	87	4.35	130	8.65
Testing Instruments	11	1.1	23	1.15	34	2.25
Fundamental Fabrication Skills	21.5	2.15	43.5	2.175	65	4.325
Basic Semiconductor Circuits	26.5	2.65	53.5	2.675	80	5.325
Transistor Amplifier Circuits	24.5	2.45	49.5	2.475	74	4.925

Transistor Power Amplifier Circuits	10	1.0	30	1.5	40	2.5
Transistor Feedback Circuits	20	2.0	40	2.0	60	4.0
Power Supply Regulation Circuits	28	2.8	56	2.8	84	5.6
FET Circuits	19	1.9	39	1.95	58	3.85
Thyristor Circuits	24	2.4	48	2.4	72	4.8
Intermediate Fabrication Skills	21.5	2.15	43.5	2.175	65	4.325
Logic Systems	32	3.2	65	3.25	97	6.45
Computer Systems	20	2.0	40	2.0	60	4.0
Radio & RF	18	1.8	37	1.85	55	3.65
Advanced Fabrication Skills	22.5	2.25	45.5	2.275	68	4.525
Job Skills	35	3.5	71	3.55	106	7.05
Nanotechnology	5.5	.55	11.5	.575	17	1.125
Employability Skills	7	.7	14	.7	21	1.4
TOTALS	473	47.3	967	48.35	1440	95.65