

Mechanical Apprenticeship

Term	Course Number	Course Description	Lecture Hours	Lab Hours	CEUs	Credits	Hours Per Week	Day
Spring 2007	MAT 101	Beginning Algebra	3				3	Friday
Spring 2007	Con Ed	Industrial Safety	24		2.4		4	Friday
Spring 2007	Con Ed	Lean Manufacturing	12		1.2		4	Friday
Spring 2007	Con Ed	Basic Hydraulic/Pneumatics	24	24	4.8		4	Friday
Summer 2007	MAT 170	Algebra, Geometry and Trigonometry I	3			3	4.5	Friday
Fall 2007	EEM 117	AC/DC Circuits I	2	6		4	8	Friday
Spring 2008	IMT 160	Preventive Maintenance	2	3		3	5	Thursday
Spring 2008	Con Ed	Laser Alignment	12	12	2.4		3	Friday
Summer 2008	WLD 201	Welding Metallurgy	2			2	3	Thursday
Fall 2008	BCT 158	Introductory Building Maintenance	4	3		5	7	Friday
Spring 2009	IMT 105	Mechanical Sketching	1	3		2	4	Thursday
Spring 2009	Con Ed	Welding	12	36	3.6		4	Thursday
Summer 2009	IMT 121	Drive Systems	1	3		2	6	Thursday
Summer 2009	Con Ed	Geometric Dimensioning and Tolerancing	12		1.2		2	Thursday
Fall 2009	IMT 131	Hydraulics and Pneumatics	3	3		4	6	Thursday
Spring 2010	IMT 151	Piping Systems	2	3		3	5	Thursday
Spring 2010	Con Ed	Predictive Maintenance and Vibration Analysis	10	30	4.0		3	Friday
Summer 2010	IMT 124	Pumps	1	3		2	6	Thursday
Fall 2010	IMT 163	Problem Solving for Mechanical Applications	2	3		3	5	Thursday

Totals: 19.2 33

**Note: Certificate in Industrial Technology (Industrial Mechanic) earned.
All credits apply toward an Associate in Occupational Technology degree.**