

Electrical 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 Hydraulics and Pneumatics	24	24	4.8		4	Friday
Summer 2007	MAT 170	Algebra, Geometry and Trigonometry I	3			3	4	Friday
Fall 2007	EEM 117	AC/DC Circuits I	2	6		4	8	Friday
Spring 2008	EEM 118	AC/DC Circuits II	2	6		4	8	Friday
Summer 2008	EEM 217	AC/DC Machines with Electrical Codes	3	3		4	9	Friday
Fall 2008	EEM 151	Motor Controls I	2	6		4	8	Friday
Spring 2009	EEM 131	Solid State Devices	3	3		4	6	Friday
Summer 2009	EEM 221	DC/AC Drives	2	3		3	7.5	Friday
Fall 2009	BCT 158	Intro. Building Maintenance	4	3		5	7	Friday
Spring 2010	EEM 251	Programmable Controllers	2	3		3	5	Friday
Summer 2010	BCT 140	Commercial Wiring	2	3		3	7.5	Friday
Fall 2010	IMT 163	Problem Solving for Mechanical Applications	2	3		3	5	Thursday
Fall 2010	Con Ed	Intermediate PLC	8	24	3.2		2	Friday
Fall 2010	Con Ed	Advanced PLC	8	24	3.2		2	Friday

Totals: 14.8 40

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