

WINTER 2010 SCHEDULE

Note: Classes listed below are hybrid courses conducted both on campus and over the internet. The times listed below are mandatory in-class attendance time. In this class, you will be required to use an online system for doing homework

THESE CLASSES MEET EVERY OTHER WEEK FOR 12 WEEKS.

ELECTRICAL YEAR ONE			ELECTRICAL YEAR TWO		
<u>ELECTRICAL IA – 12 WEEKS</u> Electrical Safety, Hand Bending, Fasteners & Anchors, Electrical Theory I			<u>ELECTRICAL 2A – 12 WEEKS</u> Alternating Current, Motors: Theory & Application, Grounding,		
START DATE	START TIME	LOCATION	START DATE	START TIME	LOCATION
January 12, 2010	5pm – 8pm	Hayward	January 12, 2010	5pm – 8pm	Concord
			January 18, 2010	5pm – 8pm	Hayward
<u>ELECTRICAL IB – 12 WEEKS</u> Electrical Theory II, Electrical Test Equipment, Introduction to NEC, Raceways, Boxes & Fittings			<u>ELECTRICAL 2B – 12 WEEKS</u> Conduit Bending, Boxes & Fittings, Conductor Installations, Cable Tray		
START DATE	START TIME	LOCATION	START DATE	START TIME	LOCATION
January 11, 2010	5pm – 8pm	Hayward	January 13, 2010	5pm – 8pm	Hayward
<u>ELECTRICAL IC – 12 WEEKS</u> Conductors, Electrical Blueprints, Wiring: Commercial and Industrial, Wiring: Residential			<u>ELECTRICAL 2C – 12 WEEKS</u> Installation of Electrical Services, Circuit Breaker & Fuses Contractors & Relays, Electric Lighting		
START DATE	START TIME	LOCATION	START DATE	START TIME	LOCATION
January 18, 2010	5pm – 8pm	Hayward	January 11, 2010	5pm – 8pm	Hayward
ELECTRICAL YEAR THREE			ELECTRICAL YEAR FOUR		
<u>ELECTRICAL 3A – 12 WEEKS</u> Load Calculations Conductor Selection & Calculations, Overcurrent Protection, Raceway, Box & Fitting Fill			<u>ELECTRICAL 4A – 12 WEEKS</u> Load Calculations- Feeders and Services, Health Care Facilities, Standby & Emergency Systems, Basic Electronic Theory		
START DATE	START TIME	LOCATION	START DATE	START TIME	LOCATION
THIS CLASS IS NOT AVAILABLE THIS SESSION			THIS CLASS IS NOT AVAILABLE THIS SESSION		
<u>ELECTRICAL 3B – 12 WEEKS</u> Wiring Devices, Distribution Equipment Distribution System Transformers, Lamp, Ballasts & Components			<u>ELECTRICAL 4B – 12 WEEKS</u> Fire Alarm Systems, Specialty Transformers, Advanced Motor Controls, HVAC Controls		
START DATE	START TIME	LOCATION	START DATE	START TIME	LOCATION
January 19, 2010	5pm – 8pm	Hayward	January 13, 2010	5pm – 8pm	Concord
January 20, 2010	5pm – 8pm	Concord	January 20, 2010	5pm – 8pm	Hayward
<u>ELECTRICAL 3C – 12 WEEKS</u> Motor Calculation, Motor Maintenance Part I Motor Controls, Hazardous Location			<u>ELECTRICAL 4C – 12 WEEKS</u> Heat Tracing & Freeze Protection, Motor Operation and Maintenance Medium-Voltage Termination/Splices Special Locations		
START DATE	START TIME	LOCATION	START DATE	START TIME	LOCATION
January 20, 2010	5pm – 8pm	Hayward	January 13, 2010	5pm – 8pm	Hayward
			January 14, 2010	5pm – 8pm	Turlock
ELECTRICAL YEAR FIVE - Electrical 5B & 5C are \$500.00 and meet every week for 12 weeks					
ELECTRICAL 5B			ELECTRICAL 5C – NATIONAL ELECTRICAL CODE /ELECTRICAL CERT. TEST PREP.		
START DATE	START TIME	LOCATION	START DATE	START TIME	LOCATION
January 14, 2010	5pm – 9pm	Hayward	January 14, 2010	5pm – 9pm	Hayward