

SPRING 2018 SCHEDULE

Classes start ONLINE the week of April 23rd!

The classes listed below are hybrid courses conducted both on campus and over the internet. In this class, you will be required to use an online system for doing homework and reading your textbook. **These classes meet every other week for 12 weeks.

ELECTRICAL YEAR ONE

ELECTRICAL 1A – 12 WEEKS – CONCORD ORIENTATION IS ON APRIL 30, 2018, HAYWARD ORIENTATION IS ON MAY 1ST, 2018, AND TURLOCK ORIENTATION IS ON MAY 10TH, 2018

Orientation to the Electrical Trade, Electrical Safety, Hand Bending, Raceways and Fittings

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Tues. April 24, 2018	Tues. May 1, 2018	5pm-8pm	M. Watchers	\$500
Concord	Mon. April 23, 2018	Mon. April 30, 2018	5pm-8pm	R. Soileau	\$500
Turlock	Thurs. May 3, 2018	Thurs. May 10, 2018	5pm-8pm	T. Daugherty	\$500

ELECTRICAL 1B – 12 WEEKS

Introduction to Electrical Circuits, Electrical Theory, Electrical Test Equipment, Introduction to the NEC

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Mon. April 23, 2018	Mon. April 30, 2018	5pm-8pm	T. Troxell	\$500
Turlock	Tues. April 24, 2018	Tues. May 1, 2018	5pm-8pm	M. Baker	\$500

ELECTRICAL 1C – 12 WEEKS

Conductors & Cables, Basic Electrical Construction Drawings, Device Boxes, Residential Electric Services

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Weds. April 25, 2018	Weds. May 2, 2018	5pm-8pm	G. Vega	\$500
Concord	Tues. April 24, 2018	Tues. May 1, 2018	5pm-8pm	R. Soileau	\$500
Turlock	Thurs. April 26, 2018	Thurs. May 3, 2018	5pm-8pm	M. Baker	\$500

ELECTRICAL YEAR TWO

ELECTRICAL 2A – 12 WEEKS

Alternating Current, Motors: Theory & Application, Grounding and Bonding

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Mon. April 30, 2018	Mon. May 7, 2018	5pm-8pm	T. Troxell	\$500
Concord	Weds. April 25, 2018	Weds. May 2, 2018	5pm-8pm	R. Soileau	\$500

ELECTRICAL 2B – 12 WEEKS

Conduit Bending, Pull and Junction Boxes, Conductor Installations, Cable Tray

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Concord	Mon. April 30, 2018	Mon. May 7, 2018	5pm-8pm	R. Soileau	\$500
Hayward	Tues. May 1, 2018	Tues. May 8, 2018	5pm-8pm	A. Jimenez	\$500
Turlock	Tues. May 1, 2018	Tues. May 8, 2018	5pm-8pm	M. Baker	\$500

ELECTRICAL 2C – 12 WEEKS

Conductor Terminations & Splices, Circuit Breaker & Fuses, Electric Lighting, Control Systems and Fundamental Concepts

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Mon. April 23, 2018	Mon. April 30, 2018	5pm-8pm	A. Jimenez	\$500

ELECTRICAL YEAR THREE

ELECTRICAL 3A – 12 WEEKS

Load Calculations – Branch and Feeder Circuits, Conductor Selection and Calculations, Practical Applications of Lighting, Overcurrent Protection

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Tues. April 24, 2018	Tues, May 1, 2018	5pm-8pm	A. Jimenez	\$500
Turlock	Thurs. May 3, 2018	Thurs. May 10,2018	5pm-8pm	M. Baker	\$500
Concord	Tues. May 1, 2018	Tues. May 8, 2018	5pm-8pm	R. Soileau	\$500

ELECTRICAL 3B – 12 WEEKS

Distribution Equipment, Transformers, Commercial Electrical Services, Voice, Data, and Video

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Tues. May 1, 2018	Tues. May 8, 2018	5pm-8pm	F. Adamo	\$500

ELECTRICAL 3C – 12 WEEKS

Motor Calculations, Motor Controls, Hazardous Locations

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Weds. May 2, 2018	Weds. May 9, 2018	5pm-8pm	G. Vega	\$500

ELECTRICAL YEAR FOUR

ELECTRICAL 4A – 12 WEEKS

Load Calculations – Feeders and Services, Health Care Facilities, Standby & Emergency Systems, Basic Electronic Theory

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Turlock	Weds. April 25, 2018	Weds. May 2, 2018	5pm-8pm	M. Baker	\$500
Hayward	Weds. May 2, 2018	Weds. May 9, 2018	5pm-8pm	A. Jimenez	\$500
Concord	Weds. May 2, 2018	Weds. May 9, 2018	5pm-8pm	R. Soileau	\$500

ELECTRICAL 4B – 12 WEEKS

Fire Alarm Systems, Specialty Transformers, Advanced Controls, HVAC Controls

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Turlock	Weds. May 2, 2018	Weds. May 9, 2018	5pm-8pm	M. Baker	\$500

ELECTRICAL 4C – 12 WEEKS

Special Locations, Heat Tracing & Freeze Protection, Motor Operation and Maintenance, Introductory Skills for the Crew Leader

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Mon. April 30, 2018	Mon. May 7, 2018	5pm-8pm	A. Jimenez	\$500

ELECTRICAL YEAR FIVE

ELECTRICAL 5A – Programmable Logic Controllers

THIS CLASS IS NOT OFFERED THIS SESSION

ELECTRICAL 5B – 12 Advanced Electrical Topics

This class will meet EVERY WEEK for 12 weeks.

FIRST CLASS MEETING	Start Time	Location	Instructor	Tuition Cost
Thursday, April 26, 2018	5:00pm – 8:00pm	Hayward	A. Jimenez	\$500

ELECTRICAL 5C – Electrical Certification Test Prep Course

This class will meet EVERY WEEK for 12 weeks.

First Class Meeting	Start Time	Location	Instructor	Tuition Cost
Thursday, April 26, 2018	5:00pm – 8:00pm	Hayward	F. Adamo	\$500
Monday, April 30, 2018	5:00pm – 8:00pm	Turlock	T. Daugherty	\$500