

# FALL 2019 SCHEDULE

Classes start ONLINE the week of September 9, 2019!

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 –

HAYWARD ORIENTATION IS ON SEPTEMBER 17, 2019, TURLOCK ORIENTATION IS ON SEPTEMBER 26, 2019 AND CONCORD ORIENTATION IS ON SEPTEMBER 25, 2019

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. Sept. 10, 2019	Tues. Sept. 17, 2019	5pm-8pm	F. Adamo	\$500
Turlock	Thurs. Sept. 19, 2019	Thurs. Sept. 26, 2019	5pm-8pm	T. Daugherty	\$500
Concord	Weds. Sept. 18, 2019	Weds. Sept. 25, 2019	5pm-8pm	D. Stone	\$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. Sept. 9, 2019	Mon. Sept. 16, 2019	5pm-8pm	R. Samol	\$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. Sept. 11, 2019	Weds. Sept. 18, 2019	5pm-8pm	G. Vega	\$500
Concord	Thurs. Sept. 19, 2019	Thurs. Sept. 26, 2019	5pm-8pm	D. Stone	\$500
Turlock	Mon. Sept. 9, 2019	Mon. Sept. 16, 2019	5pm-8pm	T. Daugherty	\$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. Sept. 16, 2019	Mon. Sept. 23, 2019	5pm-8pm	R. Samol	\$500
Turlock	Tues. Sept. 10, 2019	Tues. Sept. 17, 2019	5pm-8pm	T. Daugherty	\$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
Hayward	Tues. Sept. 10, 2019	Tues. Sept. 17, 2019	5pm-8pm	A. Jimenez	\$500
Turlock	Weds. Sept. 11, 2019	Weds. Sept. 18, 2019	5pm-8pm	T. Daugherty	\$500
Concord	Thurs. Sept. 12, 2019	Thurs. Sept. 19, 2019	5pm-8pm	D. Stone	\$500

**HAYWARD FACILITY ADDRESS**  
(Main office)  
26316 Hesperian Blvd. Bldg. C  
Hayward, CA 94545

**\*\*NEW ADDRESS\*\***  
**CONCORD FACILITY**  
2045 Commerce Ave.  
Concord, CA 94520

**TURLOCK FACILITY**  
2480 Acme Court  
Turlock, CA 95380

## 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, Sept. 9, 2019	Mon. Sept. 16, 2019	5pm-8pm	A. Jimenez	\$500
Turlock	Thurs. Sept. 12, 2019	Thurs. Sept. 19, 2019	5pm-8pm	T. Daugherty	\$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. Sept. 17, 2019	Tues. Sept. 24, 2019	5pm-8pm	F. Adamo	\$500
Turlock	Mon. Sept. 16, 2019	Mon. Sept. 23, 2019	5pm-8pm	T. Daugherty	\$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	Thurs. Sept. 12, 2019	Thurs. Sept. 19, 2019	5pm-8pm	A. Jimenez	\$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. Sept. 18, 2019	Weds. Sept. 25, 2019	5pm-8pm	G. Vega	\$500
<b>Concord</b>	<b>Weds. Sept. 18, 2019</b>	<b>Weds. Sept. 25, 2019</b>	<b>5pm-8pm</b>	<b>R. Soileau</b>	<b>\$500</b>

## 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
Hayward	Mon. Sept. 16, 2019	Mon Sept. 23, 2019	5pm-8pm	A. Jimenez	\$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
Hayward	Weds. Sept. 11, 2019	Weds. Sept. 18, 2019	5pm-8pm	A. Jimenez	\$500
Turlock	Weds. Sept. 18, 2019	Weds. Sept. 25, 2019	5pm-8pm	T. Daugherty	\$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	Weds. Sept. 18, 2019	Weds. Sept. 25, 2019	5pm-8pm	A. Jimenez	\$500

## ELECTRICAL YEAR FIVE

**ELECTRICAL 5B – Advanced Electrical Topics** This class will meet **EVERY OTHER WEEK** for 12 weeks.

FIRST CLASS MEETING	Start Time	Location	Instructor	Tuition Cost
Thursday, Sept. 26 2019	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
Wednesday, Sept. 18, 2019	5:00pm – 8:00pm	Hayward	F. Adamo	\$500

**Revised September 18, 2019**