

# FALL 2017 SCHEDULE

## Classes start ONLINE the week of September 11th!

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 19, 2017, TURLOCK**

**ORIENTATION IS ON September 28, 2017 and CONCORD IS ORIENTATION ON September 25, 2017**

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. September 12, 2017	Tues. September 19, 2017	5pm-8pm	F. Adamo	\$500
Concord	Mon. September 18, 2017	Mon. September 25, 2017	5pm-8pm	R. Soileau	\$500
Turlock	Thurs. September 21, 2017	Thurs. September 28, 2017	5pm-8pm	M. Baker	\$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. September 11, 2017	Mon. September 18, 2017	5pm-8pm	T. Troxell	\$500
Hayward	Mon. September 18, 2017	Mon. September 25, 2017	5pm-8pm	T. Troxell	\$500
Concord	Mon. September 11, 2017	Mon. September 18, 2017	5pm-8pm	R. Soileau	\$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. September 13, 2017	Weds. September 20, 2017	5pm-8pm	G. Vega	\$500
Hayward	Weds. September 20, 2017	Weds. September 27, 2017	5pm-8pm	G. Vega	\$500
Concord	Weds. September 13, 2017	Weds. September 20, 2017	5pm-8pm	R. Soileau	\$500
Turlock	Tues. September 19, 2017	Weds. September 26, 2017	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	Tues. September 19, 2017	Tues. September 26, 2017	5pm-8pm	TBA	\$500
Turlock	Tues. September 12, 2017	Tues. September 19, 2017	5pm-8pm	M. Baker	\$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. September 19, 2017	Tues. September 26, 2017	5pm-8pm	F. Adamo	\$500
Concord	Weds. September 20, 2017	Weds. September 27, 2017	5pm-8pm	R. Soileau	\$500
Turlock	Weds. September 13, 2017	Weds. September 20, 2017	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. September 11, 2017	Mon. September 18, 2017	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. September 12, 2017	Tues. September 19, 2017	5pm-8pm	TBA	\$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	Weds. September 20, 2017	Weds. September 27, 2017	5pm-8pm	A. Jimenez	\$500
Concord	Tues. September 19, 2017	Tues. September 26, 2017	5pm-8pm	R. Soileau	\$500
Turlock	Thurs. September 14, 2017	Thurs. September 21, 2017	5pm-8pm	M. Baker	\$500

**NO 3B CLASS OFFERED THIS SESSION**

### ELECTRICAL 3C – 12 WEEKS

Motor Calculations, Motor Controls, Hazardous Locations

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
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**THERE ARE NO 3C CLASSES OFFERED THIS SESSION**

## 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. September 18, 2017	Mon. September 25, 2017	5pm-8pm	A. Jimenez	\$500
Turlock	Weds. September 20, 2017	Weds. September 27, 2017	5pm-8pm	M. Baker	\$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
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**THERE ARE NO 4B CLASSES OFFERED THIS SESSION**

### 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
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**THERE ARE NO 4C CLASSES OFFERED THIS SESSION**

## ELECTRICAL YEAR FIVE

### ELECTRICAL 5A – Programmable Logic Controllers

This class will meet every other week. There will be online work for off weeks.

Location	FIRST CLASS Date	ONLINE Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. September 21, 2017	Thurs. September 2, 2017	5pm-8pm	TBA	\$500

### ELECTRICAL 5B – 12 Advanced Electrical Topics

This class will meet every other week. There will be online work for off weeks.

Location	FIRST CLASS Date	ONLINE Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. September 28, 2017	Thurs. October 3, 2017	5pm-8pm	TBA	\$500

### ELECTRICAL 5C – 12 Electrical Certification Test Prep Course

Meets every week for 12 weeks

First Class Meeting	Start Time	Location	Instructor	Tuition Cost
Thursday, September 21, 2017	5:00pm – 8:00pm	Hayward	F. Adamo	\$500
Monday, September 18, 2017	5:00pm – 8:00pm	Turlock	T. Daugherty	\$500