

# SPRING 2021 SCHEDULE

## Classes start online the week of May 17th, 2021!

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 –

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. May 18, 2021	Tues. May 25, 2021	5pm-8pm	J. Kash	\$525
Hayward	Tues. May 25, 2021	Tues. June 1, 2021	5pm-8pm	J. Kash	\$525

#### 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. May 17, 2021	Mon. May 24, 2021	5pm-8pm	R. Samol	\$525
Hayward	Mon. May 24, 2021	Mon. June 14, 2021	5pm-8pm	R. Samol	\$525

#### 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. May 19, 2021	Weds. May 26, 2021	5pm-8pm	G. Vega	\$525
Hayward	Weds. May 26, 2021	Weds. June 2, 2021	5pm-8pm	G. Vega	\$525
Turlock	Tues. May 18, 2021	Tues. May 25, 2021	5pm-8pm	T. Daugherty	\$525

### 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. May 24, 2021	Mon. June 14, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Weds. May 19, 2021	Weds. May 26, 2021	5pm-8pm	T. Daugherty	\$525

#### 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	Mon. May 17, 2021	Mon. May 24, 2021	5pm-8pm	A. Jimenez	\$525

#### 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	Weds. May 26, 2021	Weds. June 2, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Mon. May 24, 2021	Mon. June 14, 2021	5pm-8pm	T. Daugherty	\$525

**Hayward Facility Address(Main office)**  
26316 Hesperian Blvd. Bldg. C  
Hayward, CA 94545

**Turlock Facility**  
2480 Acme Court  
Turlock, CA 95380

## 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	Thurs. May 20, 2021	Thurs. May 27, 2021	5pm-8pm	A. Jimenez	\$525

### 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 25, 2021	Tues. June 1, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Tues. May 25, 2021	Tues. June 1, 2021	5pm-8pm	T. Daugherty	\$525

### ELECTRICAL 3C – 12 WEEKS

Motor Calculations, Motor Controls, Hazardous Locations

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Turlock	Thurs. May 19, 2021	Thurs. May 26, 2021	5pm-8pm	T. Daugherty	\$525

## 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	Tues. May 18, 2021	Tues. May 25, 2021	5pm-8pm	A. Jimenez	\$525

### 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. May 19, 2021	Weds. May 26, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Mon. May 17, 2021	Weds. May 24, 2021	5pm-8pm	T. Daugherty	\$525

### 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
Turlock	Weds. May 26, 2021	Weds. June 2, 2021	5pm-8pm	T. Daugherty	\$525

## ELECTRICAL YEAR FIVE

### ELECTRICAL 5A – 12 WEEKS - Programmable Controllers

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. May 27, 2021	Thurs. June 3, 2021	5pm-8pm	A. Jimenez	\$525

### ELECTRICAL 5B – 12 WEEKS – Advanced Specialty Systems

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. May 20, 2021	Thurs. May 27, 2021	5pm-8pm	J. Kash	\$525

**ELECTRICAL 5C ONLINE - Electrical Certification Test Prep Course - THIS CLASS IS NOT OFFERED THIS SESSION.**