

WINTER 2021 SCHEDULE

Classes start online the week of February 1st, 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. Feb. 2, 2021	Tues. Feb. 9, 2021	5pm-8pm	J. Kash	\$525
Hayward	Tues. Feb. 9, 2021	Tues. Feb 16, 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. Feb. 1, 2021	Mon. Feb. 8, 2021	5pm-8pm	R. Samol	\$525
Turlock	Thurs. Feb 11, 2021	Thurs. Feb. 18, 2021	5pm-8pm	T. Daugherty	\$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. Feb. 3, 2021	Weds. Feb. 10, 2021	5pm-8pm	G. Vega	\$525
Turlock	Tues. Feb. 2, 2021	Tues. Feb. 9, 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. Feb. 8, 2021	Mon. Feb. 15, 2021	5pm-8pm	A. Jimenez	\$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. Feb. 1, 2021	Mon. Feb. 8, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Weds. Feb. 3, 2021	Weds. Feb. 10, 2021	5pm-8pm	T. Daugherty	\$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. Feb. 10, 2021	Weds. Feb. 17, 2021	5pm-8pm	A. Jimenez	\$525

Hayward Facility Address(Main office)

Turlock Facility

26316 Hesperian Blvd. Bldg. C
Hayward, CA 94545

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	Tues. Feb. 9, 2021	Tues. Feb. 16, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Mon. Feb. 8, 2021	Mon. Feb. 15, 2021	5pm-8pm	T. Daugherty	\$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
Turlock	Tues. Feb. 9, 2021	Tues. Feb. 16, 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
Hayward	Weds. Feb. 10, 2021	Weds. Feb. 17, 2021	5pm-8pm	G. Vega	\$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. Feb. 2, 2021	Tues. Feb. 9, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Mon. Feb. 1, 2021	Mon. Feb. 8, 2021	5pm-8pm	T. Daugherty	\$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. Feb. 3, 2021	Weds. Feb. 10, 2021	5pm-8pm	A. Jimenez	\$525
Turlock	Weds. Feb. 10, 2021	Weds. Feb. 17, 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
Hayward	Thurs. Feb. 4, 2021	Thurs. Feb. 11, 2021	5pm-8pm	A. Jimenez	\$525

ELECTRICAL YEAR FIVE

ELECTRICAL 5A – 12 WEEKS - Programmable Controllers

Location	ONLINE Access Date	FIRST Class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. Feb. 11, 2021	Thurs. Feb. 18, 2021	5pm-8pm	A. Jimenez	\$525

ELECTRICAL 5C ONLINE - Electrical Certification Test Prep Course – **THIS CLASS IS ONLINE ONLY!**

First Online Class Meeting	Start Time	Location	Instructor	Tuition Cost
Thursday , February 4, 2021	5:00pm – 8:00pm	ONLINE ONLY	T. Daugherty	\$525

January 14, 2021