

WINTER 2018 SCHEDULE

Classes start ONLINE the week of January 15th!

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 January 23, 2018, TURLOCK ORIENTATION IS ON February 1, 2018 and CONCORD IS ORIENTATION ON January 29, 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. January 16, 2018	Tues. January 23, 2018	5pm-8pm	M. Watchers	\$500
Concord	Mon. January 22, 2018	Mon. January 29, 2018	5pm-8pm	R. Soileau	\$500
Turlock	Thurs. January 25, 2018	Thurs. February 1, 2018	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. January 15, 2018	Mon. January 22, 2018	5pm-8pm	T. Troxell	\$500
Concord	Mon. January 15, 2018	Mon. January 22, 2018	5pm-8pm	R. Soileau	\$500
Turlock	Thurs. January 18, 2018	Thurs. January 25, 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. January 17, 2018	Weds. January 24, 2018	5pm-8pm	G. Vega	\$500
Concord	Tues. January 16, 2018	Tues. January 23, 2018	5pm-8pm	R. Soileau	\$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. January 22, 2018	Mon. January 29, 2018	5pm-8pm	T. Troxell	\$500
Concord	Weds. January 17, 2018	Weds. January 24, 2018	5pm-8pm	R. Soileau	\$500
Turlock	Tues. January 16, 2018	Tues. January 23, 2018	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. January 23, 2018	Tues. January 30, 2018	5pm-8pm	M. Watchers	\$500
Turlock	Weds. January 17, 2018	Weds. January 24, 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. January 15, 2018	Mon. January 22, 2018	5pm-8pm	A. Jimenez	\$500
Concord	Tues. January 23, 2018	Tues. January 30, 2018	5pm-8pm	R. Soileau	\$500
Turlock	Tues. January 23, 2018	Weds. January 30, 2018	5pm-8pm	M. Baker	\$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. January 16, 2018	Tues, January 23, 2018	5pm-8pm	F. Adamo	\$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. January 23, 2018	Tues. January 30, 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. January 24, 2018	Weds. January 31, 2018	5pm-8pm	G. Vega	\$500
Concord	Weds. January 24, 2018	Weds. January 31, 2018	5pm-8pm	R. Soileau	\$500
Turlock	Weds. January 24, 2018	Weds. January 31, 2018	5pm-8pm	M. Baker	\$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
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THERE IS NO 4A CLASS THIS SESSION

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	Mon. January 22, 2018	Mon. January 29, 2018	5pm-8pm	A. Jimenez	\$500
Turlock	Thurs. January 25, 2018	Thurs, February 1, 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	Weds. January 24, 2018	Weds. January 31, 2018	5pm-8pm	A. Jimenez	\$500

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. January 25, 2018	Thurs. February 1, 2018	5pm-8pm	A. Jimenez	\$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
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NO 5B CLASS OFFERED THIS SESSION

ELECTRICAL 5C – 12 Electrical Certification Test Prep Course

Meets every week for 12 weeks

First Class Meeting	Start Time	Location	Instructor	Tuition Cost
Thursday, January 25, 2018	5:00pm – 8:00pm	Hayward	F. Adamo	\$500
Monday, January 22, 2018	5:00pm – 8:00pm	Turlock	T. Daugherty	\$500