
SPRING 2025 SCHEDULE

Classes start online the week of January April 14, 2025!

The following classes are hybrid courses conducted both on campus and over the internet. You will be required to use an online system for completing assignments and review quizzes. **Classes meet every other week for 12 weeks.**

ELECTRICAL YEAR ONE

ELECTRICAL 1A – 12 WEEKS

Topics: Orientation to the Electrical Trade, Electrical Safety, Hand Bending, Raceways and Fittings

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. May 1, 2025	Thurs. May 8, 2025	5 PM - 8 PM	Raj Kumar	\$525

ELECTRICAL 1B – 12 WEEKS

Topics: Introduction to Electrical Circuits, Electrical Theory, Electrical Test Equipment, Introduction to the NEC

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Turlock	Thurs. April 17, 2025	Thurs. April 24, 2025	5 PM - 8 PM	T. Daugherty	\$525

ELECTRICAL 1C – 12 WEEKS

Topics: Conductors & Cables, Basic Electrical Construction Drawings, Device Boxes, Residential Electric Services

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Weds. April 23, 2025	Weds. April 30, 2025	5 PM - 8 PM	M. Lloren	\$525
Turlock	Tues. April 22, 2025	Tues. April 29, 2025	5 PM - 8 PM	T. Daugherty	\$525

ELECTRICAL YEAR TWO

ELECTRICAL 2A – 12 WEEKS

Topics: Alternating Current, Motors: Theory & Application, Grounding and Bonding

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Mon. April 21, 2025	Mon. April 28, 2025	5 PM - 8 PM	A. Jimenez	\$525

ELECTRICAL 2B – 12 WEEKS

Topics: Conduit Bending, Pull and Junction Boxes, Conductor Installations, Cable Tray

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Turlock	Mon. April 21, 2025	Mon. April 28, 2025	5 PM - 8 PM	T. Daugherty	\$525
Hayward	Thurs. April 24, 2025	Thurs. May 1, 2025	5 PM - 8 PM	T. King	\$525

ELECTRICAL 2C – 12 WEEKS

Topics: Conductor Terminations & Splices, Circuit Breaker & Fuses, Electric Lighting, Control Systems and Fundamental Concepts

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Weds. April 30, 2025	Weds. May 7, 2025	5 PM - 8 PM	A. Jimenez	\$525
Turlock	Thurs. April 24, 2025	Thurs. May 1, 2025	5 PM - 8 PM	T. Daugherty	\$525

ELECTRICAL YEAR THREE

ELECTRICAL 3A – 12 WEEKS

Topics: Load Calculations – Branch and Feeder Circuits, Conductor Selection and Calculations, Practical Applications of Lighting, Overcurrent Protection

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Mon. April 21, 2025	Mon. April 28, 2025	5 PM - 8 PM	M. Lloren	\$525
Turlock	Weds. April 23, 2025	Weds. April 30, 2025	5 PM - 8 PM	T. Daugherty	\$525

ELECTRICAL 3B – 12 WEEKS

Topics: Distribution Equipment, Transformers, Commercial Electrical Services, Voice, Data and Video

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Tues. April 22, 2025	Tues. April 29, 2025	5 PM - 8 PM	A. Jimenez	\$525

ELECTRICAL 3C – 12 WEEKS

Topics: Motor Calculations, Motor Controls, Hazardous Locations

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. May 1, 2025	Thurs. May 8, 2025	5 PM - 8 PM	A. Jimenez	\$525

ELECTRICAL YEAR FOUR

ELECTRICAL 4A – 12 WEEKS

Topics: Load Calculations – Feeders and Services, Health Care Facilities, Standby & Emergency Systems, Basic Electronic Theory

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Thurs. April 24, 2025	Thurs. May 1, 2025	5 PM - 8 PM	A. Jimenez	\$525
Turlock	Weds. April 16, 2025	Weds. April 23, 2025	5 PM - 8 PM	T. Daugherty	\$525

ELECTRICAL 4B – 12 WEEKS

Topics: Fire Alarm Systems, Specialty Transformers, Advanced Controls, HVAC Controls

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Mon. April 28, 2025	Mon. May 5, 2025	5 PM - 8 PM	A. Jimenez	\$525
Turlock	Tues. April 15, 2025	Tues. April 22, 2025	5 PM - 8 PM	T. Daugherty	\$525

ELECTRICAL 4C – 12 WEEKS

Topics: Special Locations, Heat Tracing & Freeze Protection, Motor Operation and Maintenance, Introductory Skills for the Crew Leader

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Tues. April 29, 2025	Tues. May 6, 2025	5 PM - 8 PM	A. Jimenez	\$525

ELECTRICAL YEAR FIVE

ELECTRICAL 5A – 12 WEEKS

Topics: Programmable Logic Controllers

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
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This class is not offered this session.

ELECTRICAL YEAR FIVE

ELECTRICAL 5B – 12 WEEKS

Topics: Advanced Electrical Topics

Location	Online Access Date	First In-class Meeting	Start Time	Instructor	Tuition Cost
Hayward	Weds. April 23, 2025	Weds. April 30, 2025	5 PM - 8 PM	A. Jimenez	\$525

ELECTRICAL 5C / Electrical Certification Test Prep Course – 12 WEEKS ONLINE

Topics: National Electrical Code

Note: This is an entirely online course, which requires a strong level of computer proficiency and experience with online learning. The course will utilize Microsoft Forms to conduct online exams, so familiarity with this platform is recommended.

Prerequisites for New students:

- **Online Class Experience:** You must have previously completed an online course, as this class requires the ability to navigate digital learning platforms and participate in online assessments.
- **Computer Skills:** A basic understanding of computers and the ability to use online tools and resources is required. You should be comfortable with software like Zoom and Microsoft forms for attending classes and taking exams.

Online Meeting Dates: There are mandatory Zoom meetings. Dates will be provided upon enrollment.

Location	Instructor	Tuition Cost
ONLINE ONLY Start Date: 1st Zoom Meeting: Mon. April. 14, 2025, at 5 PM sharp. Link will be sent by instructor.	T. Daugherty	\$525