

FALL 2022 SCHEDULE

Classes start online the week of September 5th, 2022!

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 completing online assignments and Review quizzes. **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 In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|-----------------------|------------------------|------------|--------------|--------------|
| Hayward | Mon. Sept. 5, 2022 | Mon. Sept. 12, 2022 | 5pm-8pm | R. Samol | \$525 |
| Turlock | Thurs. Sept. 15, 2022 | Thurs. Sept. 22, 2022 | 5pm-8pm | T. Daugherty | \$525 |

ELECTRICAL 1B – 12 WEEKS

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 |
|----------|----------------------|------------------------|------------|--------------|--------------|
| Hayward | Tues. Sept. 6, 2022 | Tues. Sept. 13, 2022 | 5pm-8pm | R. Samol | \$525 |
| Turlock | Thurs. Sept. 8, 2022 | Thurs. Sept. 15, 2022 | 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 In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|----------------------|------------------------|------------|--------------|--------------|
| Hayward | Weds. Sept. 7, 2022 | Weds. Sept. 14, 2022 | 5pm-8pm | A. Sharkey | \$525 |
| Turlock | Tues. Sept. 13, 2022 | Tues. Sept. 20, 2022 | 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 In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|--------------------|------------------------|------------|------------|--------------|
| Hayward | Mon. Sept. 5, 2022 | Mon. Sept. 12, 2022 | 5pm-8pm | A. Jimenez | \$525 |

ELECTRICAL 2B – 12 WEEKS

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

| Location | ONLINE Access Date | First In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|----------------------|------------------------|------------|--------------|--------------|
| Hayward | Mon. Sept. 12, 2022 | Mon. Sept. 19, 2022 | 5pm-8pm | R. Samol | \$525 |
| Turlock | Weds. Sept. 14, 2022 | Weds. Sept. 21, 2022 | 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 In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|----------------------|------------------------|------------|--------------|--------------|
| Hayward | Weds. Sept. 14, 2022 | Weds. Sept. 21, 2022 | 5pm-8pm | A. Jimenez | \$525 |
| Turlock | Weds. Sept. 7, 2022 | Weds. Sept. 14, 2022 | 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 In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|----------------------|------------------------|------------|------------|--------------|
| Hayward | Tues. Sept. 13, 2022 | Tues. Sept. 20, 2022 | 5pm-8pm | R. Samol | \$525 |

ELECTRICAL 3B - 12 WEEKS

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. Sept. 13, 2022 | Tues. Sept. 20, 2022 | 5pm-8pm | A. Jimenez | \$525 |
| Turlock | Tues. Sept. 6, 2022 | Tues. Sept. 13, 2022 | 5pm-8pm | T. Daugherty | \$525 |

ELECTRICAL 3C – 12 WEEKS

Motor Calculations, Motor Controls, Hazardous Locations

| Location | ONLINE Access Date | First In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|-----------------------|------------------------|------------|------------|--------------|
| Hayward | Thurs. Sept. 15, 2022 | Thurs. Sept. 22, 2022 | 5pm-8pm | A. Jimenez | \$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 In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|---------------------|------------------------|------------|--------------|--------------|
| Hayward | Tues. Sept. 6, 2022 | Tues. Sept. 13, 2022 | 5pm-8pm | A. Jimenez | \$525 |
| Turlock | Mon. Sept. 5, 2022 | Mon. Sept. 12, 2022 | 5pm-8pm | T. Daugherty | \$525 |

ELECTRICAL 4B – 12 WEEKS

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

| Location | ONLINE Access Date | First In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|----------------------|------------------------|------------|------------|--------------|
| Hayward | Thurs. Sept. 8, 2022 | Thurs. Sept. 15, 2022 | 5pm-8pm | A. Jimenez | \$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 In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|---------------------|------------------------|------------|------------|--------------|
| Hayward | Mon. Sept. 12, 2022 | Tues. Sept. 19, 2022 | 5pm-8pm | A. Jimenez | \$525 |

ELECTRICAL YEAR FIVE

ELECTRICAL 5A – 12 WEEKS – PROGRAMMABLE LOGIC CONTROLLERS

THERE WILL BE NO 5A CLASS THIS SESSION.

ELECTRICAL 5B – 12 WEEKS ELECTRICAL SPECIALTY SYSTEMS

| Location | ONLINE Access Date | First In-class meeting | Start Time | Instructor | Tuition Cost |
|----------|---------------------|------------------------|------------|------------|--------------|
| Hayward | Weds. Sept. 7, 2022 | Weds. Sept. 14, 2022 | 5pm-8pm | A. Jimenez | \$525 |

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

You must log on each week and complete assignments to get 100% class participation

| ONLINE Access Date | Location | Instructor | Tuition Cost |
|---------------------------|-------------|--------------|--------------|
| Monday, September 5, 2022 | ONLINE ONLY | T. Daugherty | \$525 |