

ELECTRONIC BURGLAR SYSTEMS AND CCTV (HSI 446)

The course provides comprehensive teacher-led instruction in basic security installer topics and skill sets as well as hands-on experience that will provide an understanding of basic burglar and fire alarm systems, components of the systems, output and input devices and how they communicate, maintaining, repairing, replacing, testing and servicing the operation of security systems in accordance with industry standards and codes, and local, city and state regulations. Additional instruction in surveillance systems and CCTV, motion detectors and wireless devices.

Hours: 32

INTRODUCTION TO EARTH MOVING EQUIPMENT (HSI 330)

This hands-on course covers safety and industry regulatory standards regarding operating earthmoving equipment. Actual time on equipment provides students with opportunities to learn practical operation, controls and instrumentation, steering and maneuvering, equipment inspection and maintenance, operating limitations, material stockpiling, grading and levels and trenching. Vehicles include pay-loaders and excavators used mainly for uploading sand, dirt and mud into trucks, clearing rubble and digging.

Hours: 24

(Su) 4/12, 4/19, 4/26

8:00am – 4:00pm

Tuition: \$2,630

HSI 330-21

RESIDENTIAL ELECTRONICS AND SMART HOME IMPLEMENTATION (HSI 501)

In this residential electronics course students will learn the basics of digital integration and the components of smart home technology to connect and update home systems and create an automated digital environment. Students will learn how to install, troubleshoot, integrate and repair smart home technologies such as digital home entertainment and distribution; home network and network security; and integrated digital control of telecommunications, lighting, energy management and security. Classes use a hands-on approach to become familiar with industry standard tools and equipment. You will understand the components of a structured wiring system, the basic testing and troubleshooting techniques, and use of controls including smart phones to automate a home system. Additional topics focus on increasing comfort of a home owner, or energy saving technology using principals of automated lighting and the different methods of switching, dimming and control.

Hours: 32

(M, W) 4/13, 4/15, 4/20, 4/22, 4/27, 4/29, 5/4, 5/6

6:00pm – 10:00pm

Tuition: \$3,155

HSI 501-04

ADVANCED FORKLIFT OPERATIONS (HSI798)

With forklift operating skills developed in the introductory course, this course will enable you to gain the experience and knowledge at an advanced level by learning to operate three unique lifting vehicles. Day One will focus on OSHA Reg 1910.178 for powered industrial trucks plus the safety rules of the facility. You will focus on the safe operation of the different vehicles including conducting vehicle inspections, conducting facility inspections, performing maintenance activities, refueling the vehicle, and recharging batteries. Day Two will provide you with an opportunity to operate the different lifting vehicles at varying heights, over dissimilar terrain, in tight spaces and across wide open spaces. Each vehicle will be closely examined with respect to practical operating usage and operating limitations. Day Three will feature additional hands-on experience in closed environments dealing with health issues such as insufficient ventilation, carbon monoxide build up and diesel exhaust. This final session will provide you with ample time to develop a comfort level in operating each vehicle provided on site. Students will be tested and certified in vehicle usage during the last few hours of the class. You must have successfully completed Introductory Forklift Operations before taking this course.

Hours: 24

(Su) 4/12, 4/19, 4/26

8:00am – 4:00pm

Tuition: \$2,630

HSI 789-01

Introduction to Personal Training (HSI 793)

This course is designed to prepare you to become a personal trainer in the health fitness industry. Working hand-in-hand with a certified personal trainer, you will gain knowledge of the human anatomical structure and how it can be altered by exercise; proper nutrition practices; the importance of behavior modification; and techniques for communicating and teaching exercise. You will discover methods for addressing insurance and liability issues, the important aspects related to exercise needs of special populations, and the various types of injuries that may occur. Finally, you will learn to conduct assessments of a client's physical condition and proper methods for introducing clients to resistance training (weight training) and cardio-respiratory (aerobic) training. Once you have completed the course, you will have laid the foundation for the skills required to take the American Council on Exercise (ACE) Personal Trainer Certification exam.

Hours: 30

(Tu, Th) 4/28, 4/30, 5/5, 5/7, 5/12, 5/14, 5/19, 5/21, 5/26, 5/28

6:00pm – 9:00pm

Tuition: \$3,135

HSI 793-01

ELECTRICAL WIRING

Let our expert instructor introduce you to the world of the professional electrician and to the experience of working with wiring and connectors. Learn to select the correct wiring for building projects and how it may be installed for use in living areas or in professional space. This highly hands-on course will help you build a solid foundation of electrical skill and knowledge. Discover how standards of electrical measurement are applied, how circuitry is distributed and how wiring is connected from point to point. Become expert with electrical terminology, print reading and symbols. Use tools to cut and connect wiring, wire fuse boxes and power sources, and install outlets for electrical devices. Following the completion of this class, you will have achieved the knowledge to initiate introductory electrical wiring projects while experiencing an opportunity to consider the field for a professional career.

Hours: 32

HSI 768-02

(Tu, Th) 5/28, 6/2, 6/4, 6/9, 6/11, 6/16, 6/18, 6/23

6:00pm – 10:00pm

Tuition: \$3,155