

Iowa Valley Continuing Education

Basic Electrical Certification Program

The Basic Electrical Certification program prepares you with the basic knowledge and skills needed to work in advanced manufacturing. You will learn how to operate, program, test, troubleshoot, and repair equipment. You will gain hands-on training with our instructors and equipment. CPR certification and 10 hour OSHA card included in the program.

August 3 – August 10 • Mondays, Wednesdays & Fridays • 4-8 pm | August 14 – December 11 • Tuesdays & Thursdays • 4-9 pm
Certification Cost: \$1875 or classes are available individually at prices listed.



First Aid CPR AED Certification

The First Aid CPR AED Certification course from the American Heart Association is designed for anyone, with no medical training, to recognize emergencies and give first aid, perform CPR, use an AED, and relief of choking prior to the arrival of emergency providers. This course includes procedures for adults, children & infants following the American Heart Association guidelines. A completion card will be issued.

Friday, Aug. 3 • 4-9 pm • \$84 • Room 614

Industrial Safety and 10 hour OSHA

The OSHA 10 Hour training course for general industry is intended to provide students with an overview of the basic health and safety hazards present in the workplace. The OSHA 10 hour general industry training course also provides students with an overview of how the Occupational Safety and Health Administration (OSHA) operates. The OSHA 10 hour training course for general industry is based on the OSHA 1910 standards. Also addressed are state-specific OSHA requirements, where applicable. This OSHA 10 training course is designed for workers in most factories and manufacturing operations, health care industries, transportation and warehousing, chemical plants, oil and gas production operations, and service industries. Students will receive the official DOL/OSHA 10 hour wallet card as well as a personalized certificate.

Mon., Wed., & Fri., Aug. 6 – 10 • 4-8 pm • \$199 • Room 614

Shop Mathematics

The Shop Mathematics course includes geometry and trigonometry for shop problems. Students will learn problem solving using a scientific calculator; changing fractions to decimals and vice-versa; calculation of volume, area, etc; elementary geometrical concepts; and numerical trigonometry of right triangles.

Tue. & Thurs., Aug. 14 – 30 • 4-9 pm • \$299 • Room 803

Introduction to Electronics

The Introduction to Electronics course will provide an introduction to the use of laboratory equipment, measurement techniques, circuit components, and basic electronic/electrical circuits.

Tue. & Thurs., Oct. 9 – 25 • 4-9 pm • \$299 • Room 101

AC/DC Motors and Controls

The AC/DC Motors and Controls course will demonstrate to students the fundamental concepts in single and multiphase alternating current. Includes power and control transformers, AC and DC motors and hardwired control systems, also includes the how to use of test equipment to troubleshoot motor and control circuits.

Tue. & Thurs., Oct. 30 – Dec. 11 • 4-9 pm • \$529 • Room 101

Machine Trade Print Reading

The Machine Trade Print Reading course includes the study of lines, symbols, conventions and abbreviations of shop drawings. Students will learn orthographic projection, sections, conventional dimensioning, intersections and development as well as the study of title blocks and notes that may appear on shop drawings.

Tue. & Thurs., Sept. 25 – Oct. 4 • 4-9 pm • \$299 • Room 101

Technical Writing and Communication

Technical Writing and Communication introduces students to technical and business communications. Includes correspondence, mechanical description, procedure, as well as information and formal reports. Also included is resume writing, interviewing, and interpersonal skills necessary to improve your career.

Tue. & Thurs., Sept. 4 – 20 • 4-9 pm • \$299 • Room 535

**Registration is also available online at
www.IowaValley.com.**