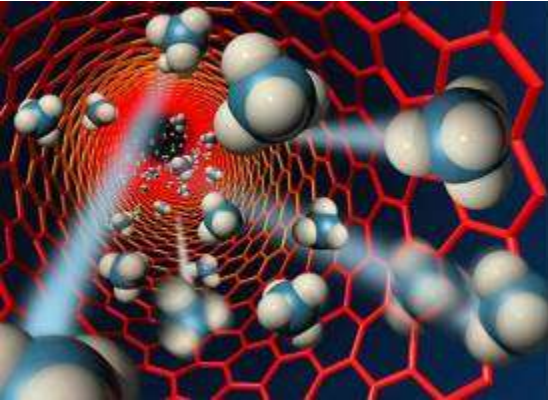


small technology

Nanotechnology is not a single technology. It is an enabling technology that will revolutionize how we manufacture products.

BIG OPPORTUNITY



Free Technician's Training in Nanotechnology

Nanotechnology is the science of manipulating materials at the atomic level to design and manufacture new and better materials and products. One nanometer equals one billionth of 1 meter. A sheet of paper is about 100,000 nanometers thick. Due to quantum mechanical effects at the nanoscale, the physical properties of materials change as well as rules of manufacturing. The Center for the Advancement of Nanotechnology (NanoCenter) located at the Donald F. Averill Applied Technology Training Center (ATTC) of the San Bernardino Community College District is again offering a Nanotechnology Technician's Training Program. The training will be in three phases: Phase I is an Introduction to Nanotechnology with emphasis in electronic and optoelectronic devices, materials and device characterization, nano-characterization and micro/nano fabrication before being introduced to the Phase II and Phase III of the program which include lectures and hands-on (on-the-job) training in the fundamentals of nano-materials, nano-energy and nano-medicine. The overall goal of this training project is to retrain and retool incumbent and other workers in order to cultivate a regional pipeline of skilled individuals ready to work in the emerging, high-growth sector of Nanotechnology. The Nanotechnology training will be mostly conducted at the ATTC and some components of the on-the-job (hands-on) training will be held at the University of California - Riverside, Kelly Space & Technology in San Bernardino, CA and Molecular Express, Inc. in Rancho Dominguez, CA locations.

PARTICIPANT'S MINIMUM QUALIFICATIONS

Must be currently employed (incumbent worker) or self-employed **AND** must possess a minimum of an Associate degree in Engineering Technology, Engineering, Biotechnology, Physics, Material Science, Chemistry, Bio-Engineering, Biology, Life Science or related field; **OR**, a minimum of 1-year completion of studies and 1-year work experience directly related to any of the fields listed above; **OR**, a high school diploma or equivalent and a minimum of 2-years work experience directly related to any science fields. English comprehension and knowledge of entry level math are also required. **NOTE:** Degree and work experience requirements may only be waived upon request in writing to the Program Director citing reason(s) why these requirements should be waived. The Program Director will make the determination whether to accept or deny the request to waive the degree and work experience requirements.

TRAINING SCHEDULE: February 18 – April 3, 2014

Mondays – Thursdays from 1:00 p.m. – 5:00 p.m. (Section 1A) or 6:00 p.m. – 10:00 p.m. (Section 1B)

This training program is funded through the Industry Driven Regional Collaborative (IDRC) grant from the California Community Colleges Chancellor's Office Workforce and Economic Development Division.

Registration information: Please go to www.attctraining.org to download registration packet or request via e-mail at info@attctraining.org. You may also call 909-382-4001.