

Skills **Development** Training Program for the American Centrifuge Facility, a Division of USEC, Inc.

Not only will individuals who complete the 240 hours of training be prepared to work at USEC Inc.'s American Centrifuge Facility, they will be among the first in Ohio to earn certification from the national Manufacturing Skill Standards Council, indicating they possess the core skills and knowledge companies demand of their employees in the 21st century.

Ohio University-Chillicothe Course Description

Physical Science (1 of 3 required components)

The Physical Science training offered by Ohio University-Chillicothe is designed to provide the individual with the knowledge necessary to understand selected concepts and successfully apply them to the job. In this course, the student will be provided with a basic understanding of the **fundamental concepts of chemistry** including atomic structure, compound formation, properties and reactions in solutions, acids and bases, and chemical equations. The **basic physics** portion of the course covers Newton's Laws of motion, basic properties of magnetic fields EM radiation, mechanical phenomena, and an introduction to the first and second laws of thermodynamics. The course includes; report of student progress, and exit exam.

This open enrollment non-credit 60-hour course (30-hours Fundamental Concepts of Chemistry and 30-hours Physics) will be delivered at the OSU South Centers in Piketon.

Prerequisite: Compass Test- *Algebra General* indicates Tier I Math

Cost: \$935

Registration Deadline: August 10, 2009

Location: OSU South Centers, 1864 Shyville Rd., Piketon, OH 45661

Dates/Times: Thursdays, 5:00-9:00 pm August 29 – December 10, 2009

Instructor: Roger Smith

Class Schedule

August	20	Introduction, Matter
August	27	Elements Atomic Theory
September	3	Atomic Theory
September	10	Bonding
September	17	Formulas, Formula Weights
September	24	Chemical Reactions
October	1	Nuclear Chemistry
October	8	Exam
October	15	Newton's Laws of Motion
October	22	Newton's Laws of Motion
October	29	Introduction to the First Law of Thermodynamics

First Name	M. Initial	Last Name
Day phone	Evening phone	email address
Home Address Street		
Home City	State	Zip
Company/Organization		
Company/Organization Street Address		
Company/Organization City	State	Zip

I am registering for the Physical Science Course. Fee: **\$935.00**

Method of Payment: Cash Check (Make checks payable to **Ohio University** and return with completed form to the address below.

Credit Card _____ / _____ \$ _____ Visa / MasterCard / AMEX _____ / _____ / _____

Account Number V-code Amount (circle one) Card Expiration Date
(last three digits on back of card)

Registration is complete when information is received and payment accepted.
 Registrations must be received three business days prior to the start date of the class to ensure enrollment.
 Mail or fax completed form to:

Ohio University-Chillicothe
Continuing Education, Business & Industry
PO Box 629
101 University Drive
Chillicothe, OH 45662
Attn: Janet Fink, Administrative Associate
Phone: 740.774.7226 Fax: 740.774.7280

Offered in Partnership by the Ohio South Consortium for Training and Educations

Members: **Ohio University Chillicothe**
 Pickaway-Ross Career & Technology Center
 Pike Career & Technology Center
 Scioto County Career & Technology Center
 Shawnee State University

Refund Policy

Full refunds are given when a class is cancelled due to low enrollment or other unforeseen circumstances or the course requested is already filled. Students withdrawing from a class at least three full business days before the start date of a class will receive a full refund minus a 10% processing fee. No other refunds will be granted.

Cancellation Policy

Ohio University reserves the right to cancel courses when the enrollment is too low to make the course feasible. Participants who have registered for those courses will be given a full refund of fees paid or may transfer fees to another class in the same terms. In the event of inclement weather, please listen to your local radio station for cancellation announcements. We also make every attempt to notify you of emergency cancellations by phone.