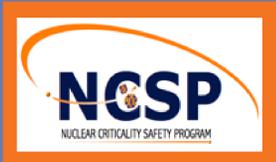


# HANDS-ON TRAINING COURSE



NEW NEW NEW NEW NEW

## 1-Week US DOE Nuclear Criticality Safety Course for:

*“supervisors and managers, fissile material operations managers/handlers”*

### Course Overview

- ◆ DOE perspective on criticality safety regulations, standards and guides; overview of ANSI/ANS-8 standards
- ◆ Major emphasis on “hands on” subcritical and “remote” critical experiments
- ◆ Major emphasis on practical exercises to developing criticality safety evaluations with:
  - DOE-STD-3007-2007 compliance
  - Nuclear Criticality Safety Fundamentals
  - Criticality Accidents
  - Proper utilization of NDA measurement data
  - Role of Hazards Analysis
  - Human Factors and Equipment Reliability

**OFFERED AT TWO LOCATIONS!!!**

**No cost for the course!**

Nevada National Security Site for students with Q clearances



Flattop  
Critical  
Assembly

HEU Training  
Assembly for  
Criticality  
Safety (TACS)



HEU Foils and Lucite Plates  
Hand Stacking and Remote  
Critical Assembly



Godiva IV Fast  
Burst Reactor



Pu BeRP  
Ball with  
Polythene  
Reflector  
Shells

Sandia National Laboratory for students with or without clearances



AGN-201M  
Reactor



7uPCX IEU  
Critical  
Assembly



BUCX LEU  
Critical  
Assembly

Registration, syllabus,  
prerequisites, logistics,  
and contact information  
available October 2011  
Check the NCSP website  
at <http://ncsp.llnl.gov>