



URANIUM PROCESSING FACILITY (UPF) SUPPLIER DEVELOPMENT TRAINING



THE NATION'S
URANIUM PROCESSING FACILITY
Y-12 NATIONAL SECURITY COMPLEX

Get Ready for DOE Y12's Existing Multi-Billion-Dollar Project. This training program is specifically developed to address the most critical issues faced by suppliers interested in doing business with the Y12 National Security Complex UPF project, as well as, other future Nuclear Energy developments estimated to generate over \$50 billion in supplier opportunities.

Learn more about UPF: <http://www.y12.doe.gov/upf>

This UPF Training Program has been created to help companies:

- Evaluate the potential business opportunities with UPF and the nuclear field,
- Understand the impact of incorporating nuclear compliant operations, and
- Prepare your company to be a successful supply chain partner on UPF

Learn more and register at: <https://http://bit.ly/UPFsupplier>

For additional questions, please contact one of the following:

Dwaine Raper, Solutions Consultant - 423.926.8282 - dwaine.raper@tennessee.edu
 Bill Wiley, Economic Development Consultant - 865.974.8464 - bill.wiley@tennessee.edu
 Paul Middlebrooks, PTAC Field Consultant - 423.634.0848 - paul.middlebrooks@tennessee.edu

UPCOMING COURSES
February 25-28
New Hope Center
Oak Ridge, Tennessee

FEBRUARY 2014 COURSES:

- Advanced Business Decision Seminar
- Government Contracting Basics & Nuclear Customer Requirement
- Project Management for Nuclear Industry Suppliers
- Nuclear Quality Systems Introduction
- Handling Unclassified Controlled Nuclear Information (UCNI), International Traffic in Arms Regulations (ITAR)/Export Control Requirements & Government Property Management (GPM) for Nuclear Industry Suppliers

WHO SHOULD ATTEND:

- CEOs/Presidents
- General Managers
- Business Development Managers
- Quality Managers
- Material & Equipment Companies
- Metal Fabricators



THE UNIVERSITY of TENNESSEE **UT**
CENTER for INDUSTRIAL SERVICES

NUCLEAR INDUSTRY SUPPLIER DEVELOPMENT PROGRAM

THE UNIVERSITY of TENNESSEE 
CENTER for INDUSTRIAL SERVICES

NUCLEAR INDUSTRY SUPPLIER DEVELOPMENT COURSE SERIES

Advanced Business Decision Seminar – Entering Nuclear/Energy Industry Supply Chain

FEBRUARY 25, 2014 New Hope Center, Oak Ridge
9AM - NOON Fee: \$35 (No fee w/ another course)

Registration: http://bit.ly/Nuclear_Bus_Dec

Government Contracting Basics & Nuclear Customer Requirements

FEBRUARY 25, 2014 New Hope Center, Oak Ridge
1PM - 5PM Fee: \$80

Registration: <http://bit.ly/GCBNuke>

Handling Unclassified Controlled Nuclear Information (UCNI), International Traffic in Arms Regulations (ITAR)/Export Control Requirements & Government Property Management (GPM) for Nuclear Industry Suppliers

FEBRUARY 26, 2014 New Hope Center, Oak Ridge
8AM - 5PM Fee: \$260

Registration: http://bit.ly/UNCI_ITAR

Project Management for Nuclear Industry Suppliers

FEBRUARY 27, 2014 New Hope Center, Oak Ridge
8AM - 5PM Fee: \$260

Registration: <http://bit.ly/Nukesupply>

Nuclear Quality Systems Introduction

FEBRUARY 28, 2014 New Hope Center, Oak Ridge
8AM - 3PM Fee: \$300

Registration: <http://bit.ly/Nukesys>



Register on-line, or
call-in your registration to
UT-Center for Industrial Services
phone **615-253-6371**
www.cis.tennessee.edu

The **Nuclear Industry Supplier Development Program** has been created to help companies:

1. Evaluate the potential business opportunities in the nuclear field,
2. Understand the impact of incorporating nuclear compliant operations, and
3. Provide nuclear supplier development training that has been designed to prepare your company to be a successful nuclear industry supply chain partner.

This program is specifically developed to address the most frequent and critical supplier concerns that have been experienced on Nuclear and Energy projects. The intent of the program is to develop Nuclear and Energy Project Supplier Capabilities in effort to encourage more local content in the Y-12 National Security Complex Uranium Processing Facility (Y12-UPF) project and future Nuclear and Energy Projects.

Learn more and register at: <https://cis.tennessee.edu/train/programtraining/Nuclear/Pages/Nuclear.aspx>

*Collaborative Partners: Y12-UPF Procurement, TN Department of Economic and Community Development,
The University of Tennessee, and Gilmartin Engineering Works.*

COURSE DESCRIPTIONS

Advanced Business Decision Seminar – Entering Nuclear/Energy Industry Supply Chain

Audience: Technical Manager and/or Chief Operating Officer type with Technical Understanding

Objective: Provide enough detailed information for a company to know the long lead actions necessary to work with Y12-UPF; and make a bid/no-bid type decision based on the cost/benefit of upgrading a Quality Assurance (QA) program.

Government Contracting Basics & Nuclear Customers

The Y12-UPF and future Nuclear and Energy business opportunities offer both great contract opportunities and challenges. Prospective subcontracting opportunities will be procured in a non-traditional manner and require more attention to detail. Also major projects of this type have a history of complicated commercial arrangements. In today's competitive market it is imperative that companies identify any potential proposal advantages over other vendors and understand some of the pitfalls of contract administrative mishaps.

Handling UCNI, ITAR /Export Control Requirements & GPM for Nuclear Industry Suppliers

Certain required federal mandates drive the procurement contracting process with the nuclear industry and the Y-12 National Security Complex. Companies interested in these procurements should understand three federally mandated elements namely the complex nature of handling sensitive information, export control information and the importance of Government Property Management to increase their competitive edge in capturing contracts in this field. After taking this course, businesses will be aware of the federal mandates, how facilities manage these mandates and the impacts to the procurement process for their respective products. In most cases, the impacts are minimal and can be built into existing elements of the business operations with assistance from Y-12 authorities. One of the main purposes of this class is to provide businesses with a path to succeed by providing business representatives actual examples, lessons learned, and some specifics relative to their organization/ commodity commensurate with these mandates.

Project Management for Nuclear Industry Suppliers Seminar Course Content

- Fundamentals of Project Management from a manufacturer's perspective not a construction job
- Engineering Change Control Discipline
- Project Progress Measurement (Earned Value Management) related to a Nuclear Project Procurement
- Required weekly Project report that highlights exceptions

Nuclear Quality Systems Introduction

Objective: Provide detailed information for a company to know the long lead actions necessary to upgrade a QA program to work on nuclear projects.

- Overview of requirements for a nuclear supplier
- Discussion of the current nuclear market and how to leverage a QA program upgrade to access new opportunities
- Description of how QA requirements are applied to these types of procurements.
- Element by element requirements presented. Also focus on the delta between the audience (International Organization for Standardization (ISO) or other programs) and Nuclear Quality Assurance-1 (NQA-1)

If you have further questions, please contact one of the following:

Dwaine Raper, Solutions Consultant - 423 926-8282 - dwaine.raper@tennessee.edu

Bill Wiley, Economic Development Consultant - 865 974-8464 - bill.wiley@tennessee.edu

Paul Middlebrooks, PTAC Field Consultant - 423 634-0848 - paul.middlebrooks@tennessee.edu