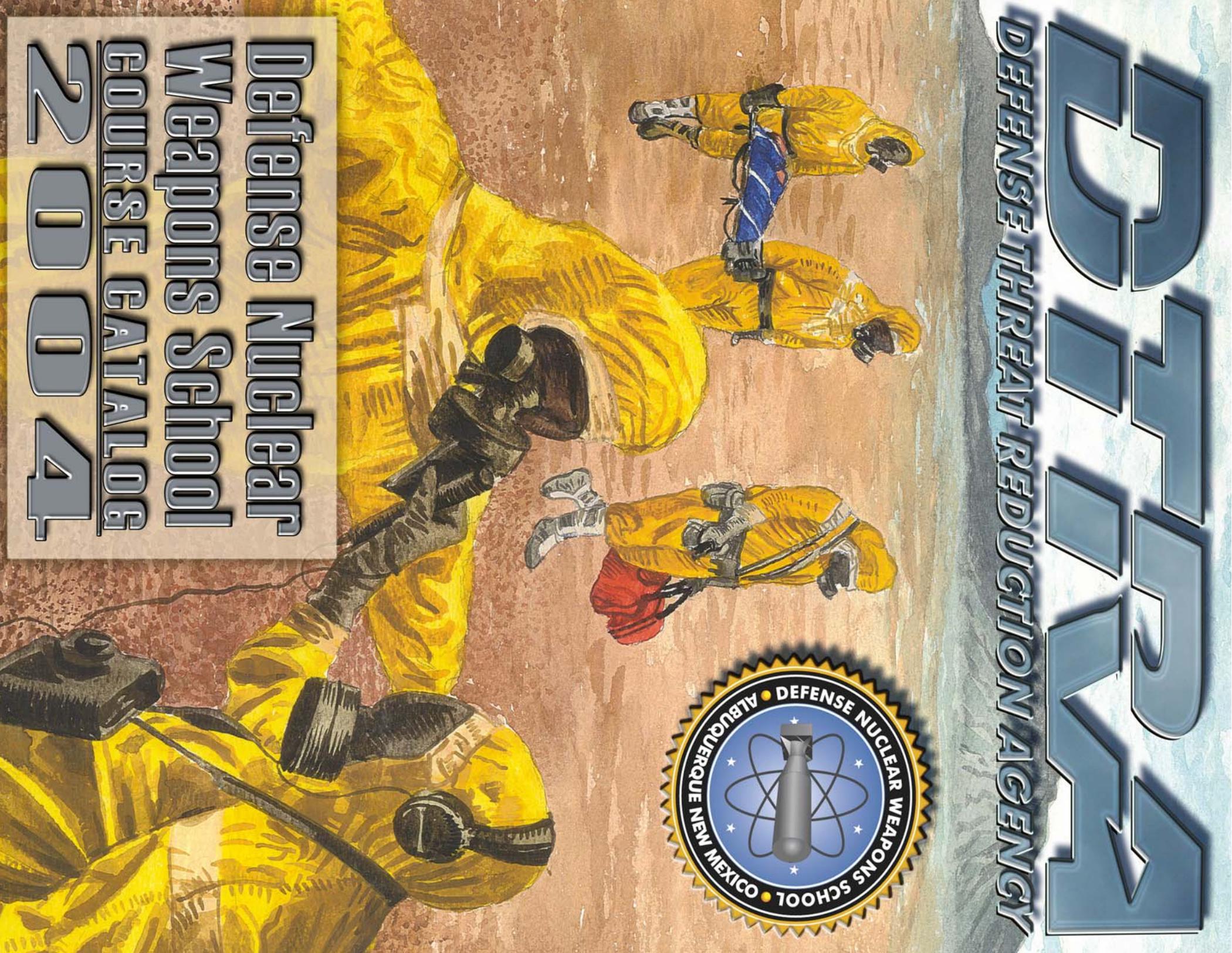
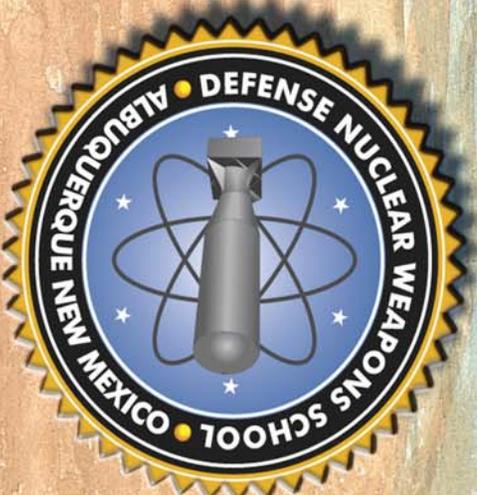


# DEFENSE

DEFENSE THREAT REDUCTION AGENCY



Defense Nuclear  
Weapons School  
COURSE CATALOG  
2004





**Commandant**

**Defense Nuclear Weapons School**

**Kirtland AFB, NM 87117-5669**

"The danger is clear: using chemical, biological, or one day, nuclear weapons. . . the terrorists could fulfill their stated ambitions and kill thousands or hundreds of thousands of innocent people in our country or any other.

The United States and other nations did nothing to deserve or invite this threat. But we will do everything to defeat it. Instead of drifting along toward tragedy, we will set a course toward safety."

Remarks by the President in Address to the Nation, The Cross Hall, March 17, 2003



Every day we achieve new levels of readiness in the defense of our country. Be assured that the Defense Threat Reduction Agency, and particularly the Defense Nuclear Weapons School (DNWS) encounter these challenges and strive to meet success at every turn.

The School retains its position as the premier training center for Department of Defense (DoD) nuclear core-competencies. With this distinguished function of serving the nuclear community, the path for responding to weapons of mass destruction (WMD) has been placed upon us in related training proficiencies. Along with the command and control programs, incident response training, and proliferation awareness courses for WMD events, the DNWS has added two new courses. Both programs, the HAZMAT Planning and Response Seminar and the WMD Staff Support Seminar are one-day offerings for delivery as mobile training.

This 2004 catalog provides information on all DNWS courses, including dates, objectives, content, maps, contact numbers, and e-mail addresses. This year the directory presents a DNWS On-line Database. This access offers electronic information management, a resource capability, and registration process at the end user's desktop.

All DNWS efforts are focused toward effective training. The School strives to provide professional growth and the catalog is designed to be informative and helpful in that regard. If specific programs are sought, contact any DNWS department or staff member at the numbers listed in the catalog to learn if the School can be your source of training. The DNWS exists to serve the training needs of our DoD community.

**LTC Charles A. Pryde**  
**Commandant, Defense Nuclear Weapons School**

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## Introduction

The Defense Nuclear Weapons School (DNWS) is a unique academic entity providing nuclear weapons, radiological accident response, and proliferation training for the Department of Defense (DoD) and other Federal and state agencies.

### Mission

Provide nuclear weapons core competencies and chemical, biological, radiological, nuclear, and high explosive (CBRNE) response training to DoD, other Federal and State Agencies, and National Laboratory personnel.

### Vision

To be a premiere DoD military multi-Service/ Joint CBRNE training facility.

### Training Objectives

The primary objective of the DNWS is to create, develop, and implement professional training through alternative and innovative training technologies, ensuring our nation maintains safe, reliable, and credible nuclear deterrence. The DNWS provides the warfighter with topical information relating to United States nuclear weapons, weapons of mass destruction (WMD)/CBRNE, proliferation issues, nuclear accident response and radiological and health environmental issues.

## On-line Registration

Specific information about the DNWS is available on the Internet. Go to [https://www.dtra.mil/cs/dnws/cs\\_site\\_index.html](https://www.dtra.mil/cs/dnws/cs_site_index.html) to view the controlled site, or <https://dnws.ao.dtra.mil> to view:

### Course Calendar

View the annual course schedule for the upcoming year.

### Course Registration

Observe a brief synopsis of each course, the requirements, and instructions on how to register.

### DNWS and Kirtland AFB

Learn additional information about the DNWS, the Albuquerque area, weather, maps, and Kirtland AFB.

### Access the DNWS Controlled Site

This part of the DNWS web site is restricted to DoD and other Federal and state agencies. To request access, click CONTROLLED SITE, then click SUBMIT REQUEST FOR ACCESS.

Once you have completed the data portion of the access request form, you will be required to create your password.

To create a password, select a combination of 7 to 20 characters consisting of at least 1 alpha, 1 numeric, and 1 special character (!, @, #, %, etc.) and jot it down on a piece of paper. Do not forget your password!

## On-line Registration

Once your request is received and reviewed by DNWS Visitor Control Staff, you will receive an e-mail that contains your user name. You may now access the DNWS controlled website: click on the CONTROLLED SITE tab, and click on the LOGON box. Enter you user name. This query is case sensitive—be sure to enter your user name and password exactly as shown on the access confirmation the DNWS sends you via e-mail.

Access to DNWS controlled site is necessary to view:

### On-line Course Registration

Each organization has a designated quota manager. To make a reservation for a DNWS course contact the appropriate quota manager (see page 6 of this catalog for a current listing of quota managers.)

Quotas for DNWS courses are based on organization requests. Requests for nonallocated quotas are considered on a case-by-case basis.

After a reservation is obtained, specific class dates can be selected on the calendar. The DNWS Electronic Registration Form must be completed in total—including Emergency Point of Contact—before clicking the SUBMIT icon.

If registering for a classified course, an additional form will appear on the screen. Because security clearance data verification is required, the form must be printed and endorsed by the organizational security manager. Once the clearance information has been coordinated, the form can be electronically transmitted (FAX only) to the DNWS Student Services at 505-846-9168 or DSN 246-9168. It is imperative that the security clearance information be received at the DNWS a minimum of 15 working days before the class start date.

### On-line Learning

The DNWS has a number of training programs for distribution over the Internet. To order a program on CD-ROM, complete and submit the forms provided at the DNWS on-line database.

### WMD Training

The DNWS on-line database also provides a number of courses related to chemical, biological, radiological, nuclear and high explosive (CBRNE) information.

### Links

The DNWS on-line database provides links to Internet sites about terrorism, response, proliferation, chemical, biological, and nuclear and radiological issues.

### References

This ever-expanding resource provides links to web sites with specific WMD reference materials. Also available on-line is the WMD Terms Handbook, the definitive source for WMD terminology; and many other reference documents.

## On-line Registration

### Registering Without Internet Access

Contact your organizational quota manager to obtain a reservation for a DNWS course (see page 6 for the most current listing of quota managers). After obtaining a seat in the desired course, complete the DNWS Course Registration Form on page 25 of this catalog, including access information, if applicable. Security clearance information is required for all classified courses. Section II of the DNWS Course Registration Form must be completed and verified with appropriate endorsements.

Department of Energy (DOE) personnel must submit DOE Form 5631.20 to register (see form on page 26 and example on page 27). DoD personnel are required to submit the DOE Form 5631.20 in order to gain access to DOE facilities on Kirtland AFB for the Joint Nuclear Explosive Ordnance Disposal Course and to have access to DOE information for the Joint Nuclear DoD/DOE Surety Executive Course.

Mail or fax completed registration forms and security clearance documents to:

#### Defense Nuclear Weapons School

**Attn: Student Services**

**1900 Wyoming Blvd. SE**

**Kirtland AFB, NM 87117-5669**

**FAX: (505) 846-9168 or**

**DSN 246-9168**

## Security Issues & General Information

### Security Issues

All personnel entering the DNWS are required to show valid identification at the security desk.

As previously noted, specific courses may require a security clearance and some require special access. Each DNWS course has individual security requirements specific to that program. Check distinctive course descriptions on pages 7 through 24 of this catalog.

Clearance and access information is submitted by using the DNWS Course Registration Form. DOE personnel must use the DOE Form 5631.20.

Security clearance information must be received by student services a minimum of 15 working days prior to class start date.

The DNWS maintains a Weapons Display Area (WDA) (see WDA paragraph on page 4 of this catalog.) Access to the WDA is in conjunction with some, but not all of the DNWS courses. Individual security clearance information must be on file at the DNWS before access into the WDA can be granted. A DoD secret-level clearance with Restricted Data (RD) or Critical Nuclear Weapons Design Information (CNWDI) access, or a DOE “Q” clearance with Sigmas 1-5 is required—**no exceptions**. For clarification in security clearances, refer to DODD 5210.2, *Access to and Dissemination of Restricted Data*.

### Enrollment Confirmation

Enrollment confirmation will be forwarded to prospective students via e-mail upon receipt of a completed DNWS Course Registration Form or DOE Form 5631.20, as appropriate. To ensure receipt of confirmation and other information, an e-mail address must be provided on the registration form. Student services will keep students apprised of changes in class dates, times, or location.

If confirmation is not received, please call (505) 846-5666 or DSN 246-5666, Monday through Friday, 0730–1630, Mountain Standard Time.

### Billeting

Individuals attending courses at the DNWS are responsible for billeting arrangements.

Reservations for military personnel and Federal employees can be made by contacting the Kirtland AFB Billeting Office (Kirtland Inn) at 505-846-1497 or DSN 246-1497 (FAX 505-846-4142 or DSN 246-4142).

Military personnel at the rank of O-6 or above and civilian personnel at grade GS-15 or above should contact the Kirtland AFB Protocol Office at 505-846-4119 or DSN 246-4119.

## Security Issues & General Information

The Kirtland Inn will make reservations on-base if space is available. If space is not available, they will make reservations at a government contract hotel. Approximately 85 percent of students are housed off-base. Students should plan to pay out-of-pocket expenses.

The Kirtland Inn is the only agency that can issue statements of nonavailability, and only if billing arrangements have been made through their office.

A visitor pass to enter Kirtland AFB may be necessary.

Individuals should plan accordingly and arrive at the Kirtland AFB Visitor's Center at least 45 minutes prior to class start time on the first day of class. For more information on base access, see the paragraph titled Entering Kirtland AFB.

### Transportation

Kirtland AFB has limited taxi/transportation services. The Albuquerque International Airport is approximately 5 miles from the DNWS. On-base billing is approximately 3 miles from the DNWS. A rental car is highly recommended.

### Dining

An award-winning military dining facility is located at 1551 1st St. on Kirtland AFB, just a mile from the school. If meals are missed due to field exercises, an official memorandum will be provided by the DNWS.

### Entering Kirtland AFB

To obtain a visitor's pass on Kirtland AFB, please ensure you have: a military or government identification card, a valid driver's license, proof of insurance, and vehicle registration, or a rental agreement.

For your safety, please remember to observe all posted speed limits and seat belt requirements while driving on Kirtland AFB and the surrounding area.

### Office Hours

Office hours at the DNWS are Monday through Friday, 0730 to 1630, Mountain Standard Time.

### Communications Equipment

Internet access at the DNWS is available for students on a limited basis. The base library is available Monday through Thursday from 1000 to 1900, Fridays from 1000 to 1700, and Saturdays from 1300 to 1700, and can facilitate internet access for your convenience. Security procedures prohibit bringing cellular telephones, pagers, personal digital assistants, cameras, or lap top computers into the school. Telephone lines are available for students to make and receive official telephone calls.

### Mobile Training Team

The DNWS will provide MTTs at the specific request of a designated official representing any DoD organization. An MTT is a distinctive version of an in-residence course, or a specially designed program that is tailored to fit the requirements of the requesting organization.

Limited dates for MTTs are included in the annual calendar. Requests should be submitted early and in accordance with the policy letter format at page 29 of this catalog.

Requesting agencies are responsible for all expenses associated with MTTs. Expenses include travel, lodging, per diem, and administrative supplies and materials.

### Weapons Display Area

The DNWS manages DoD's only classified collection of U.S. nuclear weapons, associated components, and weapons delivery systems. Although access to the WDA is normally in conjunction with DNWS courses, special tours can be arranged. With permission from the DNWS Commandant, provisions can be made for a group to be escorted through the WDA. Tours are available for those who meet security clearance requirements and submit required documents in accordance with School policy. Touring the WDA offer students and visitors a unique opportunity to view exhibits and discuss stockpile issues with subject-matter experts.

To solicit a special tour of the WDA, a formal written request must be submitted to the DNWS. Mailing address and FAX numbers are:

#### Defense Nuclear Weapons School

**Attn: Operations Officer**

**1900 Wyoming Blvd. SE**

**Kirtland AFB, NM 87117-5669**

**FAX: 505-846-9168 or DSN 246-9168**

A DoD secret-level clearance with Restricted Data (RD) or Critical Nuclear Weapons Design Information (CNWDI) access, or a DOE "Q" clearance with Sigmas 1-5 is required.

It is imperative that the security clearance information be received at the DNWS a minimum of 15 working days before the scheduled tour date.

For clarification in security clearances, refer to DODD 5210.2, *Access To and Dissemination of Restricted Data*.

# The Defense Nuclear Weapons School

## In-Residence Courses:

### Hazard Prediction and Assessment Capability Basic Course

(HPAC-B) is a 4-day program that offers instruction in computer software products used for consequence management. Primary training focus is to demonstrate user interface for each of the HPAC modules (Industrial Facilities, Weapon Effects, and Weather Predictions).

### Hazard Prediction and Assessment Capability Advanced Course (HPAC-A)

is a 4-day training program that reemphasizes the skills learned in the basic course and advances to the HPAC Editor to make detailed module parameter inputs. The focus is on a more complete control of these parameters to obtain a comprehensive output for analyses.

### Joint DoD/DOE Nuclear Surety Executive Course (JNSEC)

is an executive-level program offering an overview of safety, security, and control aspects of the U.S. nuclear weapons program. JNSEC is a 1-day program conducted in the Washington DC area, and a second iteration is a 1 1/2-day version offered at the DNWS to accommodate the Weapons Display Area Tour.

### Joint Nuclear Explosive Ordnance Disposal Course (JNEODC)

is a 5-day training course that provides detailed sustainment training for EOD officers and enlisted personnel in nuclear EOD operations. The program focuses on nuclear weapons hazards, weapons stockpile safety features and safeguards, and weapons development. It is offered for EOD personnel only.

**Nuclear Weapons Orientation Course (NWOC)** is a 5-day agenda that provides an overview of the history and development of nuclear weapons, management of the U.S. nuclear stockpile, and the issues and challenges facing the program. The modules focus on four functional areas: Nuclear Weapon Fundamentals, Nuclear Weapon Effects, Nuclear Weapons Stockpile, and Nuclear Weapons Issues.

**Proliferation, Terrorism, and Response Course (PTRC)** is a 4 ½ day course that provides an overview of the worldwide threat posed by nations armed with chemical, biological, and nuclear WMD. The course describes arms control issues, counterproliferation policy and programs, and threats posed by nations and terrorists possessing or seeking WMD capabilities. The program includes an interactive computer-based exercise.

### Radiological Accident Command, Control, and Coordination (RAC<sup>3</sup>)

is a 5-day training course that presents the problems and responsibilities involved in nuclear weapon accident response. Curriculum content includes lessons learned from past accidents, Federal, state, and local agency responsibilities, as well as key issues specific to a nuclear weapons accident (i.e., legal, media, and medical and hazards management issues). The course concludes with an interactive computer-based exercise.

**Radiological Emergency Team Operations (RETOPS)** is a 9-day course that offers hands-on training for members of a nuclear emergency response team. Subject matter includes modules on biological effects of radiation, response plans and capabilities, radiation detection equipment, contamination control stations, surveys, and command and control. The course culminates with several field exercises during which students fully dress-out in anti-contamination clothing, use RADDIAC equipment, and perform realistic nuclear emergency team functions at the School's accident training sites.

**Theater Nuclear Operations Course (TNOOC)** is a 5-day program that provides training for staff nuclear planners for joint operations and targeting based on Joint Pub 3-12. The course addresses terminology, nuclear weapon design principles, and nuclear weapon effects as well as U.S. nuclear policy, joint nuclear doctrine, the weapon stockpile and nuclear delivery systems. TNOOC meets U.S. Army qualification requirements for the Additional Skill Identifier 5H.

**Weapons of Mass Destruction Command, Control, and Coordination (WMDCC<sup>3</sup>)** is a 4-day course designed for DoD installation commanders and their direct support staff who are responsible for decision making in response to a WMD incident. Modules include DoD Response Capabilities; chemical, biological, radiological, nuclear, and high explosive (CBRNE) awareness; WMD-CST; FBI; FEMA presentations; and legal and media discussions. The course concludes with an interactive computer-based exercise.

## Mobile Training Team Courses:

### Commander and Staff Radiological Accident Response (CASRAR)

**Workshop** is a 3-day supervisory level course that presents a fundamental approach to complex radiological response issues. Content of the program discusses lessons learned from past accidents, Federal, state, and local agency responsibilities, and key issues specific to a nuclear weapons accident (i.e., legal, media, and medical and hazards management issues).

**Civil Support Team Radiological Training Course (CST-RTC)** is a 3 to 5 day training event covering the response elements to a radiological incident the training is tailored to the mission requirements of National Guard civil support teams. Modules can include effects of radiation, plans and capabilities, detection equipment, surveying, and command and control.

**Hazardous Materials Planning and Response Seminar (HPRS)** is a 1-day program for staff and support officers who are the decision-makers and planners and have the responsibility to identify DoD response capabilities, determine specific needs to a major (CBRNE) event and direct that aid to the Lead Federal Agency (LFA) in support of civilian authorities.

**Nuclear Weapons Familiarization Seminar (NWFPS)** is a 3-day program that presents the history and development of nuclear weapons, and the management of the U.S. nuclear stockpile. Four primary functional areas focus on Nuclear Weapon Fundamentals, Nuclear Weapon Effects, Nuclear Weapons Stockpile, and Nuclear Weapons Issues.

**Radiological Emergency Team Orientation (RETOR)** is designed to be from 3 to 5 days in duration, based on host needs. The program can cover the full spectrum of actions required in a team response to a radiological accident. Modules can include biological effects of radiation, response plans and capabilities, radiation detection equipment, contamination control stations, radiological surveys, and command and control.

### Weapons of Mass Destruction Incident Response Workshop (WMDIRW)

is a 3-day course that provides commanders and their staff with decision making responsibilities involving WMD incidents. Programmed modules include DoD Response Capabilities and Assets; chemical, biological, radiological, nuclear, and high explosive (CBRNE) awareness; WMD-CST; FBI; FEMA presentations; and legal and media discussions.

**Weapons of Mass Destruction Staff Support Seminar (WMDSS)** is a 1-day seminar that facilitates discussions in DoD roles, responsibilities and assets for support to a designated Lead Federal Agency (LFA) in a consequence management response to a WMD event.

## DTRA-Hosted

**Medical Effects of Ionizing Radiation (MEIR)** is a 5-day course presented by the Armed Forces Radiobiology Research Institute (AFRRI) and hosted at the DNWS. The program provides medical personnel with background material linking human injury and combat effectiveness in a nuclear weapons detonation or accident environment. For specific information relating to the MEIR course, contact AFRRRI at (301) 295-0316 or DSN 295-0316.

**Nuclear Research and Operations Officer Course (NROOC)** is presented once annually at the DNWS by the U.S. Army Nuclear and Chemical Agency (USANCA). The training is limited to Army officers and serves as the Nuclear Research and Operations Officer Functional Area (FA 52) qualifying course. Topics include nuclear weapons programs, historical issues, nuclear weapons effects, and current FA 52 career field information. For specific information relating to NROOC, contact USANCA at (703) 806-7866 or DSN 656-7866.

## DEFENSE NUCLEAR WEAPONS SCHOOL FY04 COURSE SCHEDULE

MONTH	COURSES AT THE DNWS												MOBILE TRAINING TEAM CLASSES (AWAY FROM DNWS)				
	NWOC R001	RAC <sup>3</sup> R003	RETOPS R005	JNEODC R006	JNSEC R009	PTRC R010	TNOC R013	MEIR R015	WMDC <sup>3</sup> R016	HPAC-B R017	HPAC-A R018	NROOC R019	CASRAR NR002	RETOR NR005	NWFS NR017	WMDIRW NR018	CST-RTC NR019
	5 DAYS	5 DAYS	9 DAYS	5 DAYS	1-2 DAYS	5 DAYS	5 DAYS	5 DAYS	4 DAYS	4 DAYS	4 DAYS	10 DAYS	3-5 DAYS	3-5 DAYS	3 DAYS	3 DAYS	3-5 DAYS
<b>Oct 03</b>	27-31 Oct		27 Oct- 6 Nov						20-23 Oct	27-30 Oct							29 Sep - 3 Oct
<b>Nov 03</b>	17-21 Nov									17-20 Nov						5-7 Nov	17-21 Nov
<b>Dec 03</b>		1-5 Dec	1-11 Dec			8-12 Dec							16-18 Dec		2-4 Dec	17-19 Dec	
<b>Jan 04</b>				26-30 Jan							26-29 Jan		26-30 Jan			28-30 Jan	
<b>Feb 04</b>	23-27 Feb		2-12 Feb 23 Feb- 4 Mar				2-6 Feb			9-12 Feb					3-5 Feb	25-27 Feb	
<b>Mar 04</b>	15-19 Mar	1-5 Mar		*22 Mar- 1 Apr	3-4 Mar	8-12 Mar		22-26 Mar	8-11 Mar	15-18 Mar						31 Mar- 2 Apr	15-19 Mar
<b>Apr 04</b>		12-16 Apr	5-15 Apr							19-22 Apr					4-8 Apr		26-30 Apr
<b>May 04</b>	17-21 May			17-21 May					10-13 May		3-6 May		3-7 May			5-7 May	
<b>Jun 04</b>	14-18 Jun		7-17 Jun			21-25 Jun				7-10 Jun			21-25 Jun			2-4 Jun	21-25 Jun
<b>Jul 04</b>		19-23 Jul		12-16 Jul			26-30 Jul	19-23 Jul				12-23 Jul		26-30 Jul			12-16 Jul
<b>Aug 04</b>		9-13 Aug	2-12 Aug						2-5 Aug	16-19 Aug			2-6 Aug		24-26 Aug	25-27 Aug	23-27 Aug
<b>Sep 04</b>	20-24 Sep	20-24 Sep		13-17 Sep	22 Sep 23 Sep	13-17 Sep				13-16 Sep						15-17 Sep	20-24 Sep

### QUOTA MANAGERS

Service/Agency	Point of Contact	DSN Telephone	Commercial Telephone
Air Force	Kathy Crittenden	487-3191	(210) 652-3191
Army	Jim Coats	225-5914	(703) 695-5914
Defense Intelligence Agency	Clarence Inge	428-4234	(202) 231-2794
Department of Energy	Daniella Balthasar	NA	(202) 586-6683
Foreign Students	Neil Sheridan	NA	(202) 588-6710
Navy	Barbara Whitlock	223-0205	(703) 693-0205
NIMA	Gail Bowers	693-4021	(314) 263-4021
National Security Agency	Sonya Johnson	224-6417	(410) 859-6417
All Other Agencies	MSgt Sill	246-5666	(505) 846-5666



**Class Length:**  
3-5 days  
(24-40 hours)

**Class Dates:**  
29 Sep-3 Oct 03  
17-21 Nov 03  
15-19 Mar 04  
26-30 Apr 04  
21-25 Jun 04  
12-16 Jul 04  
23-27 Aug 04  
20-24 Sep 04

Supports UJTLs OP 4.5.3 (Recommend Evacuation Policy and Procedures for the Joint Operations Area (JOA)), OP 4.7.8 (Establish Disaster Control Measures), OP 7.4 (Coordinate Consequence Management (CM) in the JOA) and OP 7.5 (Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situation).  
Level of Learning Achievement: Synthesize

# Civil Support Team Radiological Training Course (CST-RTC)

Course Number: DNWS-NR019

## Objectives

- Analyze significant critical decision points for radiological accidents/incidents
- Demonstrate the use of radioactivity monitoring instruments
- Identify principles for collecting airborne radioactivity samples
- Demonstrate setup and operation of a contamination control station
- Demonstrate proper cleaning, inspecting, and wear of respiratory protection and anti-C clothing
- Describe various potential hazards associated with radiological accidents/incidents
- Demonstrate command, control, and coordination in tabletop and field exercises
- Review current modeling software and DTRA reachback capabilities
- Explain the medical aspects of exposure to ionizing radiation
- Demonstrate procedures for handling patients contaminated with radioactivity
- Demonstrate capabilities of the Unified Command Suite

## Content

- (Content for this course is dependent on host organization's needs.)
- Discussions of weapons related accidents with response plans and capabilities
  - Considerations of radiation effects, potential hazards, and protection methods
  - Assessment of accident patterns and plotting
  - Knowledge of radiation detection equipment
  - Processes involved in contamination controls station operations
  - Scope of actions as a radiological emergency team member

## Format

Facilitated discussions and lectures supported by video presentations and field exercises

## Faculty

DNWS Staff and subject matter experts

## Who Should Attend

WAMD-CST teams and local civilian initial response teams wanting specific training in radiological events

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

None

## Medical Requirements

Special medical requirements for civilian attendees are IAW Sections 1 and 2, Part A of Appendix G, 29 CFR 1910.134(e), which requires proof that the registrant has been medically evaluated and cleared by a licensed physician (board certified internal or occupational health) to wear a full-face, negative pressure, air purifying respirator (i.e., MCU2P or M40 protective mask). Certification of medical clearance must be included as part of registration.

## Time and Location

Report to the DNWS at 0730 on the class start date.

## Appropriate Dress

Military: BDUs or utility uniform      Civilians: business casual  
Bring comfortable clothing for field exercises (i.e., PT gear). Students who wear eye glasses should bring inserts for MCU2P/M40 series protective masks.

This course is only offered as mobile training. To request an MTT, use the request form on page 30 of this catalog. All MTT expenses are the responsibility of the requesting organization.





**Class Length:**  
3-5 days  
(24-40 hours)

**Class Dates:**  
16-18 Dec 03  
26-30 Jan 04  
3-7 May 04  
21-25 Jun 04  
2-6 Aug 04

# Commander and Staff Radiological Accident Response (CASRAR) Workshop

**Course Number: DNWS-NR002**

## Objectives

- Describe potential hazards associated with radiological accidents
- Characterize the history of radiological accidents and lessons learned
- List DoD authorities as described in the *Nuclear Weapons Accident Response Procedure Manual*, DoD 3150.8-M
- Identify key responsibilities of the DoD, DOE, and FEMA as indicated in the *Federal Radiological Emergency Response Plan*
- Understand DoD's configuration in response to nuclear weapons accidents and radiological emergencies
- Identify security issues affecting command staffs
- Discuss public affairs issues that affect recommendations to the commander

## Content

- Training on command responsibilities during a radiological weapons accident response
- Federal, state, and local agencies responsibilities
- Consolidation of procedural guidance and technical information needed to prepare DoD forces to respond to radiological accidents and to coordinate with other responding agencies

## Format

Facilitated discussions and lectures supported by video presentations, case studies, and a computer-based exercise

## Faculty

DNWS Staff and subject matter experts

## Who Should Attend

Commanders and their support staff who have a responsibility to respond to radiological incidents

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

None

## Time, Location, and Appropriate Dress

Determined by the requesting organization

Supports UJTLs OP 4.5.3 (Recommend Evacuation Policy and Procedures for the Joint Operations Area (JOA)), OP 7.3 (Coordinate Passive NBC Defense in the JOA), OP 7.4 (Coordinate Consequence Management (CM) in the JOA), OP 7.5 (Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situation), and IA 7.1 (Conduct Mission Operations in a CBRNE Environment).

Level of Learning Achievement: Apply



This course is only offered as mobile training. To request an MTT, use the request form on page 30 of this catalog. All MTT expenses are the responsibility of the requesting organization.



**Class Length:**  
4 days (32 hours)

**Class Dates:**  
27-30 Oct 03  
17-20 Nov 03  
9-12 Feb 04  
15-18 Mar 04  
19-22 Apr 04  
7-10 Jun 04  
16-19 Aug 04  
13-16 Sep 04

Supports UJTL OP 7.4  
(Coordinate Consequence  
Management (CM) in the  
JOA),  
Level of Learning  
Achievement: Application

# Hazard Prediction and Assessment Capability (HPAC) 4.0.x Basic Course

**Course Number: DNWS-R017**

## Objectives

- Be familiar with the HPAC concepts, components, challenges, and limitations
- Understand model input methodology
- Be able to navigate through each of the HPAC modules
- Understand the different HPAC weather inputs
- Understand how terrain affects HPAC model results
- Understand how wind fields relate to altitudes and HPAC results
- Using basic parameters, produce outputs for consequence assessment

## Content

- Overview of HPAC and the HPAC Graphical User Interface (GUI)
- Primers on chemical, biological, and nuclear weapons
- Weather terms, definitions, data types, and the HPAC weather GUI
- Interpretation of HPAC analysis plots and tables
- Common HPAC warning and error messages
- Exercises on the various scenarios that can be modeled with HPAC

## Format

Facilitated discussions and lectures supported by computer based exercises

## Faculty

DNWS Staff

## Who Should Attend

Military and federal employees who have consequence management responsibilities and possess basic computer skills

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

None

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt



**Class Length:**  
4 days (32 hours)

**Class Dates:**  
26-29 Jan 04  
3-6 May 04

# Hazard Prediction and Assessment Capability (HPAC) 4.0.x Advanced Course

**Course Number: DNWS-R018**

## Objectives

- Understand the HPAC user interface, capabilities, and limitations
- Achieve a better understanding of the HPAC programs, uses, inputs, and outputs
- Achieve more experience in creating, analyzing, and briefing HPAC scenarios
- Understand manual (nondefault) inputs and understand the limitations and risks associated with their use
- Be able to integrate HPAC output with other software programs

## Content

- HPAC options and customization
- Advanced weather topics, manual weather input, weather file formats, and options
- Advanced use of the chemical/biological incident editor with exercises
- Advanced use of the nuclear weapon incident editor with exercises
- Constraint and uncertainty analysis
- NBC reporting program

## Format

Facilitated discussions and lectures supported by computer based exercises

## Faculty

DNWS Staff

## Who Should Attend

Military and federal employees who have completed HPAC Basic, have 6 or more months of HPAC experience, and have a need to use advanced HPAC features.

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

None

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt

Supports UJTL OP 7.4  
(Coordinate Consequence  
Management (CM) in the  
JOA),

Level of Learning  
Achievement: Analysis



**Class Length:**  
**1 day (8 hours)**

**Class Dates:**  
**(TBD)**

# **Hazardous Materials Planning and Response Seminar (HPRS)**

**Course Number: DNWS-R020**

## **Objectives**

- Be familiar with the Hazard Classification System
- Discuss the types, effects, and methods of detection of HAZMAT
- Recognize how chemical, biological, radioactive, nuclear, and high explosives (CBRNE) can be related to HAZMAT issues
- Identify some of the diverse types of monitoring devices
- Debate the risks and limitations of operational needs in a HAZMAT response
- Realize the concerns of Boiling Liquid Expanding Vapor Explosion (BLEVE)
- Analyze the technical response issues of plume predictions
- Understand the incident command system (ICS) and its application at a HAZMAT response environment

## **Content**

- Provides topical HAZMAT information for management of DoD assets to a lead federal agency (LFA) in support of civil authority
- Discuss toxic industrial chemicals (TIC) and toxic industrial materials (TIM)
- Review hazards and detection equipment
- Compare commonalities of substances (fuels, metals, acids, etc.)
- Examine plume prediction processes
- Analyze response procedures by state and local responders
- Evaluate mitigation issues

## **Format**

Facilitated discussions and lectures

## **Faculty**

DNWS Staff and subject matter experts

## **Who Should Attend**

Determined by the requesting organization

## **Security Requirements**

Determined by the requesting organization

## **Time and Location**

Determined by the requesting organization

## **Appropriate Dress**

USA: Class B                      USN: Khaki/Working Whites/Blues (E)  
USMC: Service B/C            USAF: Light Blue Shirt  
Civilians: Business Casual

Supports UJTL OP 7.4  
(Coordinate Consequence  
Management (CM) in the  
JOA),

Level of Learning  
Achievement: Awareness



# Joint DoD/DOE Nuclear Surety Executive Course (JNSEC)

**Course Number: DNWS-R009**

## Objectives

- Explain interaction between the DoD and DOE pertaining to the nation's nuclear weapons stockpile
- Discuss the evolution of safety, security, and control throughout the history of the nuclear weapons stockpile
- Review the current status of safety, security, and control issues and initiatives

## Content

- An overview of safety, security, and control features incorporated into stockpiled nuclear weapons systems
- A review of nuclear weapons design principles
- The composition of the current stockpile
- The evolution of modern safety features as well as use of control systems
- Security features of nuclear weapons storage systems and systems used to transport nuclear weapons around the world
- A discussion of current issues that effect the surety of the nuclear stockpile

## Format

Facilitated discussions and lectures (WDA tour conducted at DNWS)

## Faculty

DNWS Staff and subject-matter experts

## Who Should Attend

Senior military and federal employees who have nuclear weapons responsibilities.

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date. JNSEC is offered as mobile training in the Washington DC area. Registration process for the MTT iteration is administered by DNWS.

## Security Requirements

DoD secret clearance with CNWADI or DOE "Q" clearance with Sigmas 1-5 (see page 3 for details.)

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt

Supports UJTL SN 3.4.8  
(Coordinate Nuclear Surety).

Level of Learning  
Achievement: Know

**Class Length:**  
**1-2 days**  
**(8-12 hrs)**  
**Class Dates:**  
**3-4 Mar 04**  
**22 Sep 04 (DC)**  
**23 Sep 04 (DC)**



**Class Length:**  
**5 days (40 hours)**  
**\*9 days (72 hours)**  
**beta test class)**

**Class Dates:**  
**26-30 Jan 04**  
**\*22 Mar - 1 Apr 04**  
**17-21 May 04**  
**12-16 Jul 04**  
**13-17 Sep 04**

# Joint Nuclear Explosive Ordnance Disposal Course (JNEODC)

**Course Number: DNWS-R006**

## Objectives

- Describe active stockpile weapons and associated delivery systems
  - Identify the number and location of active/inactive stockpile weapons
  - Identify hazardous and classified active/inactive stockpile warhead and bomb components
  - Describe the possible configurations of active stockpile weapons when involved in an accident
  - Describe nonviolent disablement of active stockpile weapons
  - Identify the transportation modes and retirement schedule of inactive stockpile weapons
  - Describe the storage configuration of inactive stockpile weapons
  - Identify DoD and DOE response capabilities to accidents
  - Identify EOD operations in response to accidents and weapons recovery operations
- ## Content
- Detailed sustainment training for military personnel in nuclear EOD operations
  - Emphasis on nuclear weapons design information including nuclear physics, safety, component subsystems, and identification features
  - Detailed component familiarization
  - General foreign systems information

## Format

Facilitated discussions and lectures supported by video presentations, weapon cutaways, and a WDA tour

## Faculty

Sandia National Laboratories and DOE instructors as well as DNWS staff

## Who Should Attend

Military EOD technicians (E-4 and above) currently filling an operational EOD position who are graduates of Naval School Explosive Ordnance Disposal Nuclear Ordnance Division

## Registration

Registration form must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

DoD Secret clearance with CNWDI access (see page 3 for details.)

## Time and Location

Report to Sandia National Laboratories Badge Office (Building 800, Kirtland AFB) at 0715 on class start date. An escort will lead the class to Building 892, Room 190A.

## Appropriate Dress

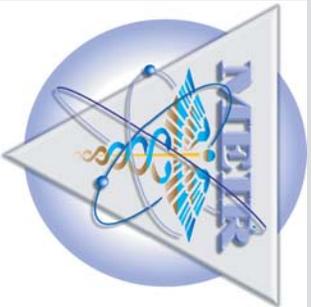
BDUs or utility uniform.

## \*Beta-Test Class

The 9-day beta test will include additional information on initial response force (IRF), site stabilization, and a field exercise.

Supports UJTLs TA 7 (Operate in a CBRNE Environment) and TA 7.1 (Conduct Mission Operations in a CBRNE Environment).

Level of Learning Achievement: Synthesize



# Medical Effects of Ionizing Radiation (MEIR) Course

**Course Number: DNWS-R015**

## Objectives

- Illustrate the process by which radiation interacts with matter
- Describe the energies released by ionizing radiation sources and their effects on biological systems
- Explain characteristics of fallout and its hazards
- Examine methods for removal of internally deposited radioactive materials in the body
- Detail effects of blast and thermal energy release on equipment, structures, and biological systems
- Discuss causes of radiation sickness and determine appropriate treatment strategies
- Describe long-term, low-level, and chronic high-dose sublethal exposures of ionizing radiation
- Discuss medical implications of combined radiation/battlefield injuries
- Explain principles and procedures for pharmacological protection against expected radiation hazards
- Discuss documentary evidence of the effects of high-level radiation exposure, both locally and systemically, in accidental human radiation exposures

## Content

- Provides medical personnel with background material relating to human injury and combat effectiveness in a nuclear weapons detonation or accident scenario.
- Introduces physical principles of nuclear weapons and ionizing radiation, including external and internal contamination.

## Format

Facilitated discussions and lectures supported by video presentations as well as decontamination triage exercises

## Faculty

Armed Forces Radiological Research Institute (AFRRI) subject-matter experts

## Who Should Attend

Military health care providers and operational planners

## Registration

Registration for this course is administered by the AFRRI Military Medical Operations Office at (301) 295-0316 or DSN 295-0316.

## Security Requirements

None

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B

USMC: Service B/C

Civilians: Business Casual

USN: Khaki/Working Whites/Blues (E)

USAF: Light Blue Shirt

Utility uniforms or physical training clothing will be necessary for decontamination and triage exercises.

**Class Length:  
5 days (40 hours)**

**Class Dates:  
22-26 Mar 04  
19-23 Jul 04**



**Class Length:**  
**3 days (24 hours)**

**Class Dates:**  
**2-4 Dec 03**  
**3-5 Feb 04**  
**4-8 Apr 04**  
**24-26 Aug 04**

# Nuclear Weapons Familiarization Seminar (NWFS)

**Course Number: DNWS-NR017**

## Objectives

- Evaluate the scope of the national nuclear weapons program
- Explain basic nuclear physics and materials
- Identify key elements of nuclear surety
- Evaluate future development, testing, command and control, and weapons effects from stockpiled nuclear weapons
- Review intelligence estimates and international agreements concerning nuclear weapons
- Discuss current nuclear weapons issues

## Content

- An overview of the U.S. nuclear weapons program
- Issues and challenges facing the program today
- The functional areas of nuclear weapons fundamentals, nuclear weapons effects, nuclear weapons stockpile, and nuclear weapons issues
- Themes of safety, security, operational effectiveness, and proliferation concerns

## Format

Facilitated discussions and lectures supported by video presentations

## Faculty

DNWS Staff

## Who Should Attend

Determined by the requesting organization

## Registration and Security Requirements

Determined by the requesting organization

## Time, Location, and Appropriate Dress

Determined by the requesting organization

Supports UJTLs SN 3.2  
(Manage National Strategic  
Firepower) and SN 3.4.8  
(Coordinate Nuclear Surety).  
  
Level of Learning  
Achievement: Know



This course is only offered as mobile training. To request an MTT, use the request form on page 30 of this catalog. All MTT expenses are the responsibility of the requesting organization.



# Nuclear Weapons Orientation Course (NWOC)

**Course Number: DNWS-R001**

## Objectives

- Evaluate the scope of the national nuclear weapons program
- Explain basic nuclear physics and materials
- Identify key elements of nuclear surety
- Evaluate future development, testing, command and control, and weapons effects from stockpiled nuclear weapons
- Review intelligence estimates and international agreements concerning nuclear weapons
- Discuss current nuclear weapons issues

## Content

- An overview of the U.S. nuclear weapons program
- Issues and challenges facing the program today
- The functional areas of nuclear weapons fundamentals, nuclear weapons effects, nuclear weapons stockpile, and nuclear weapons issues
- Themes of safety, security, operational effectiveness, and proliferation concerns
- Tour of the classified Weapons Display Area

## Format

Facilitated discussions and lectures supported by video presentations, weapon cutaways, and a WDA tour.

## Faculty

DNWS staff

## Who Should Attend

Military (E-5 and above) and government civilians (GS-7 and above) who require knowledge of the national nuclear weapons program.

## Registration

Registration information must be received by student services a minimum of 15 working days prior to class start date.

## Security Requirements

DoD Secret clearance with Restricted Data, or DOE “Q” clearance with Sigmas 1-5 (see page 3 for details.)

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt

**Class Length:  
5 days (40 hours)**

**Class Dates:**  
27-31 Oct 03  
17-21 Nov 03  
23-27 Feb 04  
15-19 Mar 04  
17-21 May 04  
14-18 Jun 04  
20-24 Sep 04

Supports UJTLs SN 3.2  
(Manage National Strategic  
Firepower) and SN 3.4.8  
(Coordinate Nuclear Surety).  
Level of Learning  
Achievement: Know



# Proliferation, Terrorism, and Response Course (PTRC)

**Course Number: DNWS-R010**

## Objectives

- Understand WMD and their means of delivery
- Examine past and current international efforts to halt the spread of WMD
- Define DoD's role in countering proliferation and planning operations
- Describe nuclear warhead designs most likely to be used by proliferant nations
- Describe physical principles, types, variations, design parameters, effects, and modes of delivery of various chemical and biological weapons
- Identify worldwide WMD proliferation threats
- Identify international and domestic terrorist threats and U.S. capabilities to respond

## Content

- An overview of chemical, biological, radiological, nuclear, and high explosive (CBRNE) means of delivery
- Discuss U.S. nonproliferation efforts
- Review the threat posed by nations possessing or seeking CBRNE capabilities
- Examine ballistic and cruise missile programs of proliferant nations and their effect on proliferation of CBRNE
- Explore U.S. counter proliferation policy and response efforts
- Classes are organized into five areas: Nuclear weapons, chemical and biological weapons, counter proliferation policy, CBRNE terrorism, and U.S. response capabilities
- Participate in a computer-based interactive proliferation exercise

## Format

Facilitated discussions and lectures supported by a Weapons Display Area tour, VTC, and a group exercise

## Faculty

DNWS Staff and subject-matter experts

## Who Should Attend

Military (E-7 and above) and Federal employees (GS-7 and above) with responsibilities related to the proliferation threat and U.S. responses

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

DoD Secret clearance with CNWDI, or DOE "Q" clearance with Sigmas 1-5 (see page 3 for details)

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt

**Class Length:  
5 days (36 hours)**

**Class Dates:  
8-12 Dec 03  
8-12 Mar 04  
21-25 Jun 04  
13-17 Sep 04**

Supports UJTL ST9.1 (Integrate Efforts to Counter Weapons and Technology Proliferation In Theater).

Level of Learning Achievement: Apply



# Radiological Accident Command, Control, and Coordination (RAC<sup>3</sup>) Course

**Course Number: DNWS-R003**

## Objectives

- Discuss the history of nuclear weapons accidents and lessons learned
- Describe potential hazards associated with radiological accidents
- Identify DoD radiological accident response capabilities
- Discuss state and local radiological accident response capabilities
- Identify legal issues associated with a radiological accident
- Demonstrate command, control, and coordination in computer simulated exercises

## Content

- Delineates responsibilities during radiological weapons accident response and offers problem resolution techniques
- Defines Federal, state, and local agency responsibilities
- Explores key issues specific to a radiological accident
- Contributes in practical exercises with intermittent review of decision making
- Participates in computer-based scenario of a realistic radiological accident

## Format

Facilitated discussions and lectures supported by video presentations, computer based exercises, and a WDA tour

## Faculty

DNWS Staff and subject matter experts

## Who Should Attend

Military personnel (E-7 to O-6) and Federal employees (GS-9 and above) who have a responsibility to respond to radiological incidents

## Registration

Registration form must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

DoD secret clearance with CNWDI, or DOE “Q” clearance with Sigmas 1-5 (see page 3 for details.)

## Medical Requirements

Special medical requirements for civilian attendees are IAW Sections 1 and 2, Part A of Appendix C, 29 CFR 1910.134(e), which requires proof that the registrant has been medically evaluated and cleared by a licensed physician (board certified internal or occupational health) to wear a full-face, negative pressure, air purifying respirator (i.e., MCU2P or M40 protective mask). Certification of medical clearance must be included as part of registration.

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt

**Class Length:  
5 days (40 hours)**

## Class Dates:

**1-5 Dec 03  
1-5 Mar 04  
12-16 Apr 04  
19-23 Jul 04  
9-13 Aug 04  
20-24 Sep 04**

Supports UJTLs OP 4.5.3 (Recommend Evacuation Policy and Procedures for the Joint Operations Area (JOA)), OP 4.7.8 (Establish Disaster Control Measures), OP 7.3 (Coordinate Passive NBC Defense in the JOA), OP 7.4 (Coordinate Consequence Management (CM) in the JOA) and OP 7.5 (Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situation).  
Level of Learning Achievement: Apply



**Class Length:**  
9 days (72 hours)

**Class Dates:**  
27 Oct - 6 Nov 03  
1-11 Dec 03  
2-12 Feb 04  
23 Feb - 4 Mar 04  
5-15 Apr 04  
7-17 Jun 04  
2-12 Aug 04

Supports UJTLs TA 7 (Operate in a CBRNE Environment) and TA 7.1 (Conduct Mission Operations in a CBRNE Environment).  
Level of Learning Achievement: Synthesize

# Radiological Emergency Team Operations (RETOPS) Course

Course Number: DNWS-R005

## Objectives

- Describe basic nuclear physics, biological effects, and protection from radiation exposure
- Identify potential hazards and explain personal protection applications
- Describe Federal response plans and identify state and local roles
- Demonstrate use of radioactivity monitoring instruments
- Explain radiation dosimetry and the use of a dosimeter
- Identify principles for collecting radioactive airborne samples
- Demonstrate accident patterns and plotting
- Demonstrate the ability to properly don anti-C clothing and procedures for cleaning, inspecting, and proper wear of respiratory protection
- Demonstrate setup and operation of a contamination control station

## Content

- Discussions of weapons related accidents with response plans and capabilities
- Consideration of radiation effects, potential hazards, and protection methods
- Assessment of accident patterns and plotting
- Knowledge of radiation detection equipment
- Processes involved in contamination control station operations
- Scope of actions as a radiological emergency team member

## Format

Facilitated discussions and lectures supported by video presentations, field exercises, and a Weapons Display Area tour

## Faculty

DNWS Staff and subject matter experts

## Who Should Attend

Military personnel and Federal employees occupying EOD, readiness, or other emergency response force positions

## Registration

Registration form must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

DoD secret clearance CNWDI, or DOE “Q” clearance with Sigmas 1-5 (see page 3 for details.)

## Medical Requirements

Special medical requirements for civilian attendees are IAW Sections 1 and 2, Part A of Appendix C, 29 CFR 1910.134(e), which requires proof that the registrant has been medically evaluated and cleared by a licensed physician (board certified internal or occupational health) to wear a full-face, negative pressure, air purifying respirator (i.e., MCU2P or M40 protective mask). Certification of medical clearance must be included as part of registration.

## Time and Location

Report to DNWS at 0730 on class start date.

## Appropriate Dress

Military: BDUs or utility uniform      Civilians: business casual  
Bring comfortable clothing for field exercises (i.e., PT gear). Students who wear eye glasses should bring inserts for MCU2P/M40 series protective masks.



**Class Length:**  
3-5 days  
(24-40 hours)

**Class Dates:**  
26-30 Jul 04

# Radiological Emergency Team Orientation (RETOR) Course

**Course Number: DNWS-NR005**

## Objectives

- Describe basic nuclear physics, biological effects, and protection from exposure to radiation
- Identify potential hazards and explain personal protection applications
- Describe Federal response plans and capabilities
- Demonstrate the use of radioactivity monitoring instruments
- Explain radiation dosimetry and the use of a dosimeter
- Identify principles for collecting radioactive airborne samples
- Demonstrate accident patterns and plotting
- Demonstrate the ability to properly don anti-C clothing and procedures for cleaning, inspecting, and proper wear of respiratory protection
- Demonstrate setup and operation of a contamination control station

## Content

- (Content for this course is dependent on host organization's needs.)
- Discussions of weapons related accidents with response plans and capabilities
  - Considerations of radiation effects, potential hazards, and protection methods
  - Assessment of accident patterns and plotting
  - Knowledge of radiation detection equipment
  - Processes involved in contamination control station operations
  - Scope of actions as a radiological emergency team member

## Format

Determined by the requesting organization

## Faculty

DNWS Staff and subject-matter experts

## Who Should Attend

Determined by the requesting organization

## Registration and Security Requirements

Determined by the requesting organization

## Medical Requirements

Special medical requirements for civilian attendees are IAW Sections 1 and 2, Part A of Appendix C, 29 CFR 1910.134(e), which requires proof that the registrant has been medically evaluated and cleared by a licensed physician (board certified internal or occupational health) to wear a full-face, negative pressure, air purifying respirator (i.e., MCU2P or M40 protective mask). Certification of medical clearance must be included as part of registration.

## Time and Location

To be determined by requesting organization

## Appropriate Dress

Bring comfortable clothing for field exercises (i.e., PT gear). Students who wear eye glasses should bring inserts for MCU2P/M40 series protective masks.

Supports UJTLs TA 7 (Operate in a CBRNE Environment) and TA 7.1 (Conduct Mission Operations in a CBRNE Environment).  
Level of Learning Achievement: Synthesize



This course is only offered as mobile training. To request an MTT, use the request form on page 30 of this catalog. All MTT expenses are the responsibility of the requesting organization.



**Class Length:**  
**5 days (40 hours)**

**Class Dates:**  
**2-6 Feb 04**  
**26-30 Jul 04**

# Theater Nuclear Operations Course (TNOc)

**Course Number: DNWS-R013**

## Objectives

- Describe delivery capabilities and limitations of nuclear weapons systems
- Discuss nuclear effects and desired damage consequences
- Evaluate the basic tenets for making informed nuclear weapons employment recommendations to commanders
- Describe basic targeting concepts
- Identify required planning, coordination, and time lines
- Demonstrate the mechanics of theater nuclear target analysis in accordance with Joint Publication 3-12.2

## Content

- Training for staff nuclear planners from each of the services for joint operations and targeting
- Discussions on basic targeting concepts
- Considerations of the mechanics of target analysis based on Joint Pub 3-12.2
- The mechanics of theater nuclear target analysis
- Discuss nuclear weapon employment options; delivery capabilities and limitations; nuclear effects and desired damage consequences; and required planning, coordination, and time lines

## Format

Facilitated discussions and lectures supported by practical exercises and a WIDA tour

## Faculty

DNWS Staff, United States Army Nuclear and Chemical Agency (USANCA), USSTRATCOM, DIA, and subject matter experts

## Who Should Attend

Military and Federal employees who are nuclear staff planners (through O-5), and GS equivalent

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

DoD secret clearance with CNWDI, or DOE "Q" clearance with Sigmas 1-5 (see page 3 for details.)

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt

## Accreditation

This course is accredited in accordance with CJCSM 3500.03A, joint training certification systems.

Supports UJTLs ST 3.1 (Process Theater Strategic Targets), ST 5.3.1 (Conduct Strategic Estimcs), and ST 9.2 (Coordinate Counterforce Operations in Theater).  
Level of Learning Achievement: Analyze



**Class Length:**  
**4 days (32 hours)**

**Class Dates:**  
**20-23 Oct 03**  
**8-11 Mar 04**  
**10-13 May 04**  
**2-5 Aug 04**

# Weapons of Mass Destruction Command, Control, and Coordination (WMDC<sup>3</sup>) Course

**Course Number: DNWS-R016**

## Objectives

- Recognize current WMD threats and vulnerabilities to DoD installations
- Describe the relevant aspects of laws, directives, policies, and guidance
- Compare roles and responsibilities of key government agencies responsible for mitigating WMD incidents
- Define roles, responsibilities, and capabilities of DoD WMD response organizations
- Analyze significant critical decision points for WMD incidents on and contiguous to a military installation
- Apply generic installation-level procedures for requesting, supporting, and integrating DoD WMD response assets into an installation contingency plan
- Review current modeling software for WMD hazard predictions

## Content

- Discussions of potential WMD threats and vulnerabilities to DoD sites/installations
- An overview of Executive Orders, Presidential Decision Directives, Federal statutes, and DoD directives
- An overview of DoD WMD response assets, capabilities, time lines, and limitations
- A computer-based scenario of a realistic WMD event

## Format

Facilitated discussions and lectures supported by computer-based exercises

## Faculty

DNWS Staff and subject-matter experts

## Who Should Attend

Commanders and their support staff and Federal, state, and local authorities that have decision-making responsibilities during WMD incidents

## Registration

Registration forms must be received by student services a minimum of 15 working days before class start date.

## Security Requirements

None

## Time and Location

Report to the DNWS at 0730 on class start date.

## Appropriate Dress

USA: Class B  
USMC: Service B/C  
Civilians: Business Casual  
USN: Khaki/Working Whites/Blues (E)  
USAF: Light Blue Shirt

Supports UJTLs OP 4.5.3 (Recommend Evacuation Policy and Procedures for the Joint Operations Area (JOA)), OP 4.7.8 (Establish Disaster Control Measures), OP 7.4 (Coordinate Consequence Management (CM) in the JOA), and OP 7.5 (Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situation).  
  
Level of Learning Achievement: Awareness



**Class Length:**  
**3 days (23 hours)**

**Class Dates:**  
**5-7 Nov 03**  
**17-19 Dec 03**  
**28-30 Jan 04**  
**25-27 Feb 04**  
**31 Mar - 2 Apr 04**  
**5-7 May 04**  
**2-4 Jun 04**  
**25-27 Aug 04**  
**15-17 Sep 04**

# Weapons of Mass Destruction Incident Response Workshop (WMDIRW)

**Course Number: DNWS-NR018**

## Objectives

- Explain potential WMD threats and vulnerabilities
- Discuss Executive Orders, Presidential Decision Directives, Federal statutes, and DoD directives
- Summarize Federal, State, and local WMD response plans and capabilities
- List WMD DoD response assets to include capabilities, response time lines, and limitations
- Describe current modeling software for WMD hazard predictions

## Content

- Briefings directly relating to threats and vulnerabilities on DoD installations
- Discussions of applicable directives, statutes, and documented guidance for WMD response and recovery plans
- Presentation of DoD response assets, capabilities, time lines, and limitations
- Review of current modeling software for WMD hazard predictions

## Format

Facilitated discussions and lectures

## Faculty

DNWS Staff and subject-matter experts

## Who Should Attend

Determined by the requesting organization

## Registration and Security Requirements

Determined by the requesting organization

## Time, Location, and Appropriate Dress

Determined by the requesting organization

Supports UJTLs OP 4.5.3 (Recommend Evacuation Policy and Procedures for the Joint Operations Area (JOA)), OP 4.7.8 (Establish Disaster Control Measures), OP 7.4 (Coordinate Consequence Management (CM) in the JOA), OP 7.5 (Integrate JOA Intelligence, Surveillance, and Reconnaissance (ISR) with CBRNE Situation), and TA 7.1 (Conduct Mission Operations in a CBRNE Environment).

Level of Learning  
Achievement: Awareness



This course is only offered as mobile training. To request an MTT, use the request form on page 30 of this catalog. All MTT expenses are the responsibility of the requesting organization.



**Class Length:**  
**1 days (8 hours)**

**Class Dates:**  
**(TBD)**

# Weapons of Mass Destruction Staff Support Seminar (WMDs<sup>3</sup>)

**Course Number: DNWS-NR020**

## Objectives

- Discuss various types of WMD/CBRNE scenarios
- Be familiar with the dynamic policies supporting a Federal response to WMD events
- Recognize Federal plans and guidance that direct consequence management support to a major incident
- Understand the general effects of CBRNE weapons and associated planning considerations
- Realize that DoD has unique WMD response assets, capabilities and technical tools
- Acknowledge that the DoD role in a CBRNE event is in a support capacity

## Content

- Provide topical information focused on DoD responsibilities in support of a designated lead Federal agency (LFA) for consequence management in a CBRNE event
- WMD events
- Threat brief
- DoD response guidelines
- DoD response assets
- CBRNE effects and planning considerations
- Joint task force-civil support brief

## Format

Facilitated discussions and lectures

## Faculty

DNWS Staff and subject-matter experts

## Who Should Attend

Combatant commanders and major staff elements that are expected to be familiar with major Federal policy, guidelines, plans, and processes, as well as understand how DoD interacts with key command and control elements.

## Registration and Security Requirements

Determined by the requesting organization

## Time and Location

Determined by the requesting organization

## Appropriate Dress

Determined by the requesting organization

Supports UJTLs OP 4.5.3 (Recommend Evacuation Policy and Procedures for the Joint Operations Area (JOA)), OP 4.7.8 (Establish Disaster Control Measures), OP 7.4 (Coordinate Consequence Management (CM) in the JOA), ST 4.2.6 (Determine Theater Residual Capabilities) and ST 9.5 (Coordinate CM In Theater).  
  
Level of Learning Achievement: Know



This course is only offered as mobile training. To request an MTT, use the request form on page 30 of this catalog. All MTT expenses are the responsibility of the requesting organization.

## DNWS Course Registration Form

### DEFENSE NUCLEAR WEAPONS SCHOOL COURSE REGISTRATION

\*\*For Official Use Only. Privacy Act of 1974 Applies\*\*

#### PRIVACY ACT STATEMENT

1. **AUTHORITY:** 5 USC 301, 302, 4103, and Executive Order 9397
2. **PRINCIPAL PURPOSE(S):** To report attendance and completion of formal courses (orientation and resident)
3. **ROUTINE USES:** To report entrance and change of status of students in special training courses
4. **DISCLOSURE:** Applicants are not required to divulge the personal information requested on this form; however, failure to do so may render applicant ineligible to participate in the training program, or may result in non-receipt of credit for requested training

**INSTRUCTIONS:** This form and any other registration data must be received a minimum of 15 working days prior to class start date. To register for a DNWS course, please ensure this form is completed and faxed to commercial time (505) 846-9168, or DSN 246-9168, or mail to: DNWS Registrar, 1900 Wyoming Blvd, Kirtland AFB, NM, 87117-5669. For questions regarding the completion of this form, please contact DNWS Student Services at (505) 846-6584 or DSN 246-6584.

#### SECTION I--REGISTRANT'S INFORMATION

<b>NAME</b> ( <i>Last, First, MI</i> )	<b>RANK/GRADE</b>	<b>SSAN</b>
<b>SERVICE</b> (AF, Army, USN, USMC)	<b>AGENCY</b>	<b>DUTY TITLE</b>
<b>UNIT MAILING ADDRESS</b> ( <i>Organization, Street Number, Street Name, Installation or City, State, and Complete Zip Code</i> )		

<b>ELECTRONIC MAIL ADDRESS</b>	<b>DUTY PHONE</b>	<b>FAX NUMBER</b>
--------------------------------	-------------------	-------------------

<b>COURSE INFORMATION</b>	<b>CLASS START DATE</b>	<b>CLASS END DATE</b>
<b>COURSE TITLE/NUMBER</b>		

<b>EMERGENCY CONTACT</b> ( <i>Enter name, relationship, and phone number, including area code, of an individual who can be contacted after normal duty hours in the event of an emergency</i> )	<b>RELATIONSHIP</b>	<b>TELEPHONE</b>
<b>NAME</b>		

<b>REGISTRANT'S SIGNATURE</b>	<b>DATE</b>

#### SECTION II--SECURITY CLEARANCE/SPECIAL ACCESS—To be Completed and Signed by Unit Security Manager

*Some courses require security clearance and special access. Refer to course descriptions for prerequisites. NOTE: DOE personnel registering for classified courses MUST submit DOE Form 5631.20. To tour the Weapons Display Area, all students/visitors are required to have a DoD Secret-level clearance with access to Restricted Data (RD) or Critical Nuclear Weapons Design Information (CNWDI).*

<b>REGISTRANT'S CLEARANCE LEVEL</b>	<b>DATE OF CLEARANCE</b>

<b>ACCESS—MANDATORY FOR CLASSIFIED COURSES AND WDA TOURS</b>		
Check Authorized Access	<b>RESTRICTED DATA</b>	<b>Access Date</b>
<b>NONE</b>	<b>CNWDI</b>	

**SECURITY MANAGER'S CERTIFICATION**

*I certify that the above-named registrant requires access as indicated in this document in the performance of duty and that permitting such will not endanger command defense and security.*

<b>UNIT SECURITY MANAGERS TYPED/PRINTED NAME</b>	<b>DUTY PHONE</b>
<b>UNIT SECURITY MANAGERS SIGNATURE</b>	<b>DATE</b>

# Request for Visit or Access Approval

DOE F 5631.20  
(2-87)  
(FORMERLY DP-277)

## U.S. DEPARTMENT OF ENERGY REQUEST FOR VISIT OR ACCESS APPROVAL (NOT TO BE USED FOR TEMPORARY OR PERMANENT PERSONNEL ASSIGNMENTS.) PART "A"

OMB Control  
No. 1910-11800

To:

Date: \_\_\_\_\_  
Prepared By: \_\_\_\_\_  
Symbol: \_\_\_\_\_  
Telephone No.-Commercial: \_\_\_\_\_

From:

It is requested that the following person(s) be granted visit/access approval

FTS:

LAST NAME, FIRST, MIDDLE INITIAL AND SOCIAL SECURITY NUMBER	CHECK		DATE OF BIRTH	ORGANIZATION	TYPE CLEARANCE	CLEARANCE NO.	DATE OF CLEARANCE
	U.S. CITIZEN	ALIEN					
NAME OF FACILITY TO BE VISITED				FOR THE INCLUSIVE DATES	DOE SECURITY OFFICIAL VERIFYING DOE CLEARANCE		
FOR THE PURPOSE OF:							
TO CONFER WITH THE FOLLOWING PERSON(S):							
SPECIFIC INFORMATION TO WHICH ACCESS IS REQUESTED							
PRIOR ARRANGEMENTS HAVE/HAVE NOT BEEN MADE AS FOLLOWS:					ACCESS REQUESTED TO:		
					RESTRICTED DATA <input type="checkbox"/> YES <input type="checkbox"/> NO		
					OTHER CLASSIFIED INFO <input type="checkbox"/> YES <input type="checkbox"/> NO		

### CERTIFICATION FOR PERSONNEL HAVING DOD CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty and that permitting the above access will not endanger the common defense and security.

Authorized access to Critical Nuclear Weapon  
Design Information (CNWDI) in Accordance  
with DoD Directive 5210.2  Yes  No  
FOR THE COMMANDER

\_\_\_\_\_  
Name and Title, Requesting DoD Official

\_\_\_\_\_  
Title, Authorizing DoD Official  
(See DoD Directive 5210.2 and 5210.8)

\_\_\_\_\_  
Signature  
(See AR 380-150; OPNAV 5510.3F; AFR 205-1)

### CERTIFICATION FOR PERSONNEL HAVING DOE CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty.

\_\_\_\_\_  
Title

\_\_\_\_\_  
Requesting DOE or Other Government Agencies

### PART "B"

Approval is granted with limitations indicated below:

\_\_\_\_\_  
Manager of Operations/for Headquarters Division Director

# Example Request for DNWS Course

## EXAMPLE Request for DNWS Course

DOE F 5631.20  
(2-87)  
(FORMERLY DP-277)

U.S. DEPARTMENT OF ENERGY  
**REQUEST FOR VISIT OR ACCESS APPROVAL**  
(NOT TO BE USED FOR TEMPORARY OR PERMANENT PERSONNEL ASSIGNMENTS.)

OMB Control  
No. 1910-1800

To:

**DEFENSE NUCLEAR WEAPONS SCHOOL  
1900 WYOMING BLVD SE  
KIRTLAND AFB NM 87117-5000**

PART "A"

Date: **Current Date**

Prepared By: **Name/Position of Preparer**

Symbol: **Office Symbol or Organization**

From:

**(ENTER STUDENT'S ORGANIZATION)**

Telephone No.-Commercial: **Commercial Phone Number**

It is requested that the following person(s) be granted visit/access approval

FTS: **(ENTER DSN NUMBER)**

LAST NAME, FIRST, MIDDLE INITIAL AND SOCIAL SECURITY NUMBER	CHECK		DATE OF BIRTH	ORGANIZATION	FTS: <b>(ENTER DSN NUMBER)</b>		
	U.S. CITIZEN	ALIEN			TYPE CLEARANCE	CLEARANCE NO.	DATE OF CLEARANCE
<b>*ENTER STUDENT'S NAME AND INFO AS APPLICABLE</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME OF FACILITY TO BE VISITED <b>DEFENSE NUCLEAR WEAPONS SCHOOL, KIRTLAND AFB NM</b>				FOR THE INCLUSIVE DATES <b>(ENTER CLASS DATES)</b>	DOE SECURITY OFFICIAL VERIFYING DOE CLEARANCE		

FOR THE PURPOSE OF:

**To attend (ENTER COURSE TITLE)  
TO CONFER WITH THE FOLLOWING PERSON(S):**

**(ENTER RANK/NAME OF DNWS REGISTRAR OR RANK/NAME OF COURSE INSTRUCTOR)  
SPECIFIC INFORMATION TO WHICH ACCESS IS REQUESTED**

**SECRET/RD/CNWDJ; SIGMAS 1-5**

ACCESS REQUESTED TO:  
RESTRICTED DATA  YES  NO  
OTHER CLASSIFIED INFO  YES  NO

PRIOR ARRANGEMENTS HAVE/HAVE NOT BEEN MADE AS FOLLOWS:  
**NA**

### CERTIFICATION FOR PERSONNEL HAVING DOD CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty and that permitting the above access will not endanger the common defense and security.

Authorized access to Critical Nuclear Weapon  
Design Information (CNWDJ) in Accordance  
with DoD Directive 5210.2  Yes  No  
FOR THE COMMANDER

**(TYPE FIRST AND LAST NAME)  
CHIEF, SECURITY OFFICE**

Name and Title, Requesting DoD Official

**(TYPE NAME OF AUTHORIZING OFFICIAL, PER DoD Dir 5210.2)**

**(SECURITY OFFICER'S SIGNATURE)**

Title, Authorizing DoD Official  
(See DoD Directive 5210.2 and 5210.8)

Signature  
(See AR 380-150, OPNAV 5510.3F, AFR 205-1)

### CERTIFICATION FOR PERSONNEL HAVING DOE CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty.

Title

Requesting DOE or Other Government Agencies

### PART "B"

Approval is granted with limitations indicated below:

Division Director

Manager of Operations/or Headquarters

# Example Request for JNEODC Course

## EXAMPLE Request for JNEODC Course

DOE F 5631.20  
(2-87)  
(FORMERLY DP-277)

U.S. DEPARTMENT OF ENERGY  
**REQUEST FOR VISIT OR ACCESS APPROVAL**  
(NOT TO BE USED FOR TEMPORARY OR PERMANENT PERSONNEL ASSIGNMENTS.)

OMB Control  
No. 1910-1800

To: **SANDIA NAT'L LABS**

Date: (Current Date)

**ATTN: Visitor Control or 7437-1/MS0171 14703/MS0643**  
**PO BOX 5800**  
**ALBUQUERQUE NM 87185**

Prepared By: (Name/Position of Preparer)  
Symbol: (Office Symbol or Organization)

From: (ENTER STUDENT'S ORGANIZATION)

Telephone No.-Commercial: (Commercial Phone Number)

It is requested that the following person(s) be granted visit/access approval

FTS: (ENTER DSN PHONE NUMBER)

LAST NAME, FIRST, MIDDLE INITIAL AND SOCIAL SECURITY NUMBER	CHECK		DATE OF BIRTH	ORGANIZATION	TYPE CLEARANCE	CLEARANCE NO.	DATE OF CLEARANCE
	U.S. CITIZEN	ALIEN					
<b>DOE, JOHN J., (RANK OR PAYGRADE), (BRANCH OF SERVICE), SSAN</b>	<b>X</b>	<input type="checkbox"/>	<b>20 Apr 1967</b>	<b>(ENTER STUDENT'S ORGANIZATION)</b>	<b>(TOP SECRET OR SECRET ONLY)</b>	<input type="checkbox"/>	<b>10 JUN 1995</b>
<b>NAME OF FACILITY TO BE VISITED</b> <b>SANDIA NAT'L LABS, ALBUQUERQUE, NM, AND</b> <b>DEFENSE NUCLEAR WEAPONS SCHOOL, KIRTLAND AFB NM</b>				<b>FOR THE INCLUSIVE DATES</b> <b>(ENTER CLASS DATES)</b>	<b>DOE SECURITY OFFICIAL VERIFYING DOE CLEARANCE</b>		

FOR THE PURPOSE OF:

**TO ATTEND THE JOINT NUCLEAR EXPLOSIVE ORDNANCE DISPOSAL COURSE (JNEODC)**  
TO CONFER WITH THE FOLLOWING PERSON(S):

**LORRAIN CLAYBURN, SNL/SSGT SALAZAR, DNWS REGISTRAR**

SPECIFIC INFORMATION TO WHICH ACCESS IS REQUESTED

**SECRET/RD/CNWDI; SIGMAS 1-5**

ACCESS REQUESTED TO:  
RESTRICTED DATA  YES  NO  
OTHER CLASSIFIED INFO  YES  NO

PRIOR ARRANGEMENTS HAVE/HAVE NOT BEEN MADE AS FOLLOWS:  
**NA**

### CERTIFICATION FOR PERSONNEL HAVING DOD CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty and that permitting the above access will not endanger the common defense and security.

Authorized access to Critical Nuclear Weapon  
Design Information (CNWDI) in Accordance  
with DoD Directive 5210.2  Yes  No  
FOR THE COMMANDER

(TYPE FIRST AND LAST NAME)  
CHIEF, SECURITY OFFICE

Name and Title, Requesting DoD Official

(TYPE NAME OF AUTHORIZING OFFICIAL, PER DoD Dir 5210.2)

(SECURITY OFFICER'S SIGNATURE)

Title, Authorizing DoD Official  
(See DoD Directive 5210.2 and 5210.8)

(See AR 380-150, OPNAV 5510.3F, AFR 205-1)

### CERTIFICATION FOR PERSONNEL HAVING DOE CLEARANCE

This certifies that the person(s) named above needs this access in the performance of duty:

Title

Requesting DOE or Other Government Agencies

### PART "B"

Approval is granted with limitations indicated below:

\_\_\_\_\_  
Manager of Operations/or Headquarters Division Director

## DNWS Policy Memorandum, Request for and Funding of MTTs



### DEFENSE THREAT REDUCTION AGENCY

1680 TEXAS STREET SE  
KIRTLAND AFB, NM 87117-5669

July 7, 2003

FROM: DTRA/CSTD

SUBJECT: Defense Nuclear Weapons School (DNWS) Policy Memorandum, Requesting and Funding Mobile Training Teams (MTT)

Reference: DTRA Instruction 7040.1, *Travel Procedures*, November 18, 1998

This memorandum issues guidance for request and funding of DNWS MTTs. All expenses associated with MTT visits are the responsibility of requesting agencies. Expenses include but are not limited to transportation, billing, meals, car rental, and any others authorized by the Joint Federal Travel Regulations.

Agencies interested in scheduling an MTT must submit a written request 90 days before proposed class start date. Forward requests to: DNWS, Attn: Operations, 1900 Wyoming SE, KAFB, NM, 87117-5669 or fax to DSN 246-9168 or (505) 846-9168. Requests should identify primary and alternate class dates, and projected student enrollment. A typed, consolidated listing of students' names, rank or grade, SSN, and security clearance must be provided to the Registrar's Office five days before the course begins. A minimum enrollment of 40 students is generally required; however, depending on the course, MTTs may be considered on a case-by-case basis for enrollment projections of less than 40.

Once MTT requests are approved, MTT coordinators will forward the following to requesting agencies: class date(s); MTT personnel; course material for local duplication; all other associated requirements. Course materials will be provided in hard copy, CD-ROM, or on disk—whichever is most appropriate.

In accordance with referenced instruction, requesting agencies will process DD Form 1610, *Request and Authorization for TDDY Travel*, or invitational travel orders for MTT personnel. Travel orders must be forwarded to the MTT coordinator a minimum of 15 working days before the scheduled MTT, and should contain specific instructions in Block 16, Remarks, for filing vouchers.

This memorandum supersedes CST Memorandum dated October 1, 2000, same subject. If you have any questions regarding this policy, contact the Operations Officer or Chief of Academics at DSN 246-6410 (commercial 505-846-6410) or 246-6411, respectively.

Charles A. Pryde  
LTC, USA  
Commandant  
Defense Nuclear Weapons School

## MTT Request Sample Letter

[Your Organizational Letterhead]

Mobile Training Team (MTT) Request

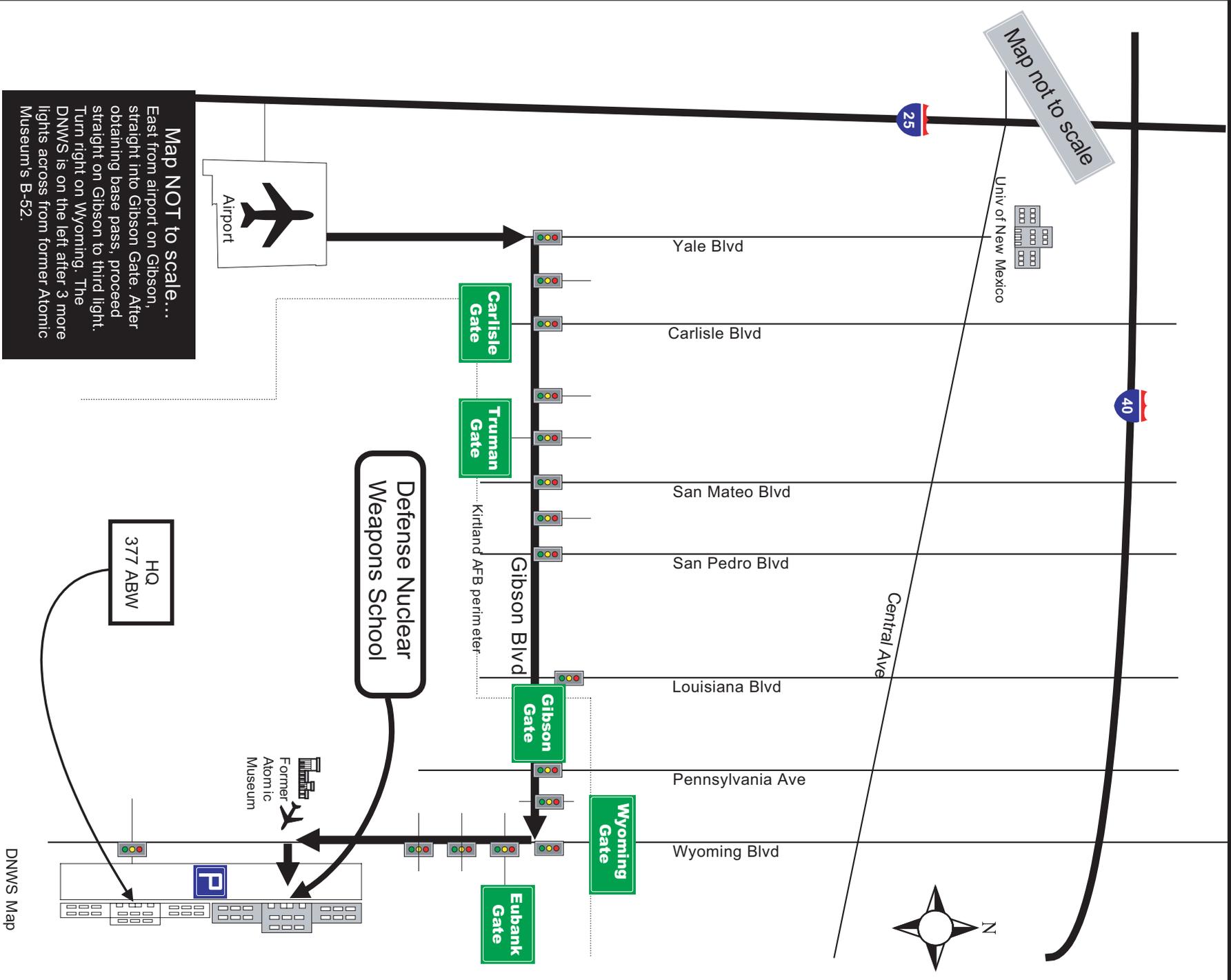
MEMORANDUM FORDTFA/CSTD, ATTN: Operations  
1900 Wyoming Blvd. SE  
Kirtland AFB NM 87117-5669

SUBJECT: Request for Mobile Training Team (MTT) Visit

1. Request MTT visit. The following information is provided:
  - a. Course Requested: **(name and course number)**
  - b. Requesting Organization: **(location and organizational mission)**
  - c. Expected Audience: **(background of audience and number of students—minimum of 40)**
  - d. Requested Time Period: **(provide all available options)**
  - e. Equipment Available to Support Training:
  - f. Point of Contact/Resource Management Liaison: **(provide POC to act as liaison between servicing accounting office and MTT)**
  - g. Other: **(address any other pertinent information to assist in training)**
2. My organization accepts responsibility for ensuring all personnel projected to attend the MTT have proper security clearance and access for the course. A consolidated list of students, to include full name, rank or grade, SSN, and security clearance will be provided to instructors before the course begins.
3. My organization also accepts responsibility for all expenses associated with this MTT, including travel-related costs. Furthermore, we agree to provide administrative support, including processing of travel orders for MTT personnel. Travel orders will be forwarded to the DNWS no later than 15 working days prior to class start date.
4. We understand that approval of this request is based on Defense Nuclear Weapons School (DNWS) course/duty schedules.
5. Direct questions on this request to (point of contact and duty phone).

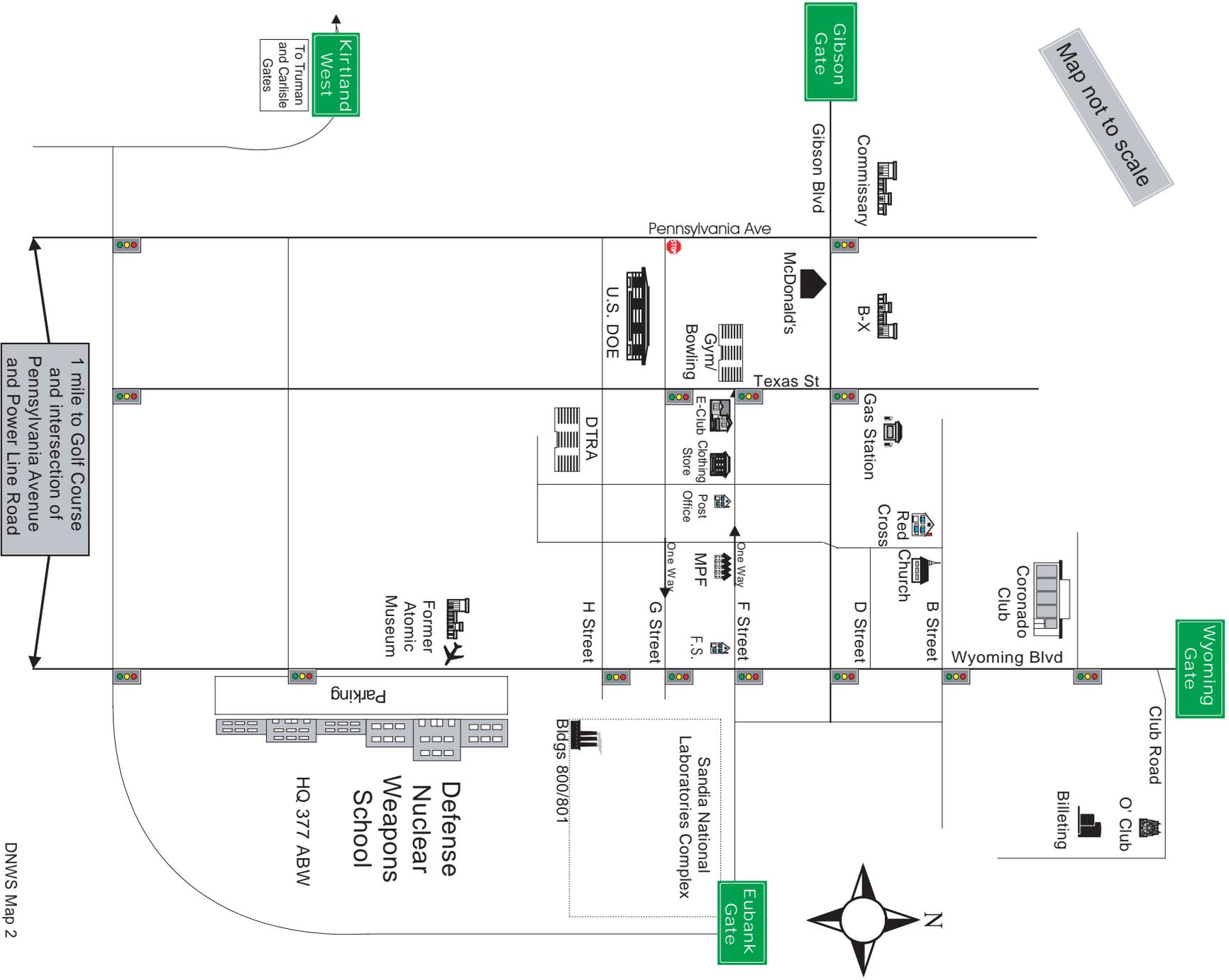
[Requesting official signature & signature block]

# Map from Albuquerque Int'l Airport to Kirtland AFB



# Map of Kirtland AFB

Map not to scale

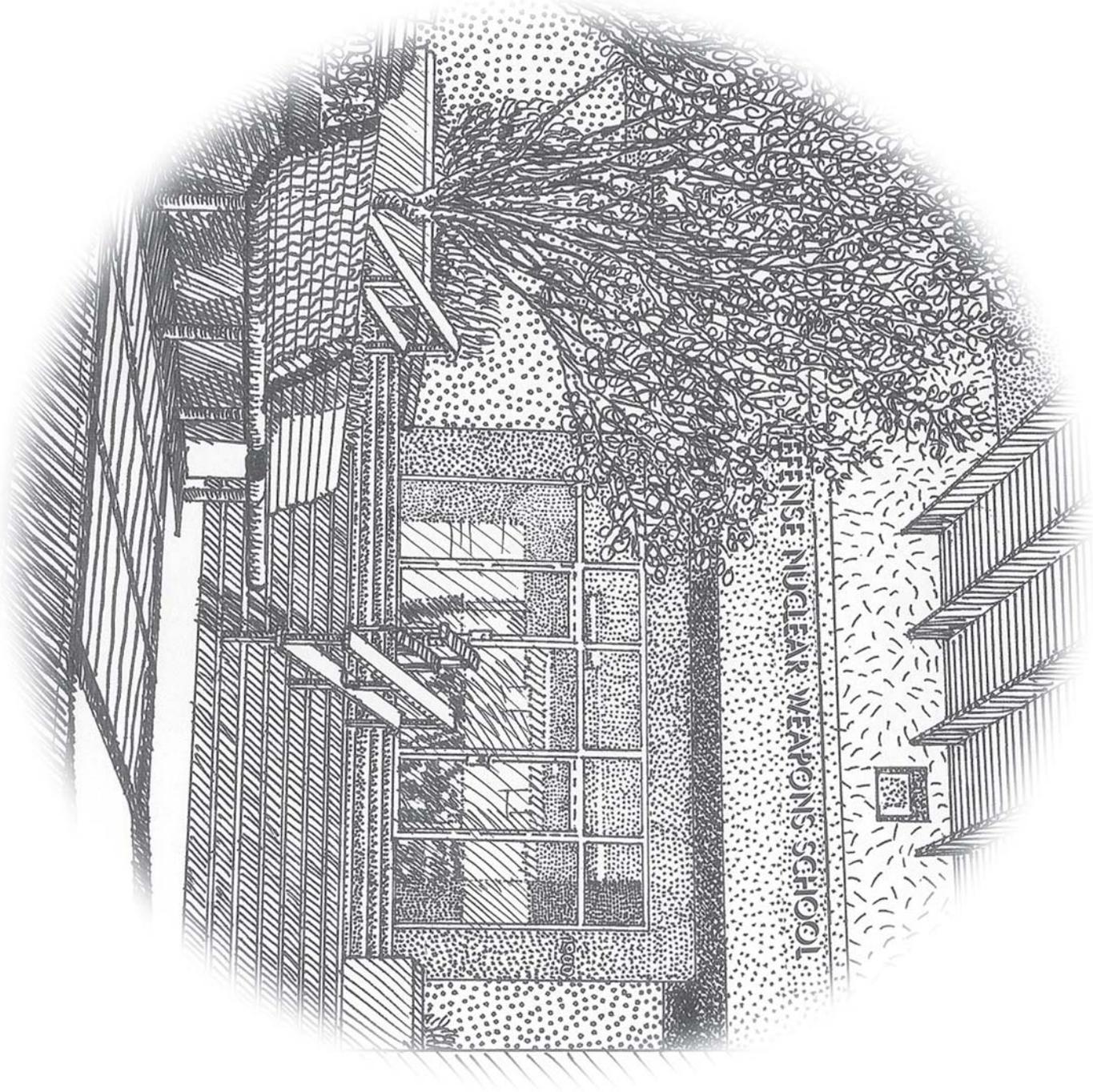


Kirtland West  
To Truman and Carlisle Gates

1 mile to Golf Course and intersection of Pennsylvania Avenue and Power Line Road







OFFENSE NUCLEAR WEAPONS SCHOOL

1900



Home page: <https://dnws.ao.dtra.mil>

E-mail: [dnws@ao.dtra.mil](mailto:dnws@ao.dtra.mil)

