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The Directed Energy Engineering Analysis Center (DE²AC) has been given approval by the Defense Technical Information Center (DTIC) to operate as an information-sharing Information Analysis Center (IAC) entity. One of the primary goals of the DE²AC is to support the research and development of advanced concepts in directed energy (DE) and optical systems for a variety of military applications. Directed energy weapons will provide military commanders a near-instantaneous capability to deliver scalable levels of force from strategic and tactical platforms in the air, on land, at sea, and from space. DE is the next generation weapon for the warfighter of today and the future. It provides a speed of light response with a potentially unlimited magazine of ammunition, which is a force multiplier to any of the services.

During this next quarter, active users of the Total Electronic Migration System (TEMS) will find the DE²AC logo alongside the other IACs' logos. Thus, users will be able to gain access to a wealth of DE related scientific and technical information (STI). The DE²AC is co-located with the Air Force Research Laboratory Directed Energy Directorate (AFRL/RD) at Kirtland Air Force Base (AFB), New Mexico. Kirtland AFB

has a storied history dating back to the 1970s with the development of the Chemical Oxygen Iodine Laser (COIL) and most recently with the Airborne Laser Program, the Active Denial System, and the Air Tactical Laser Program. AFRL/RD provides the DE²AC with needed support to build momentum for the growth and sustainment of a valuable resource for all scientists, researchers, and engineers in the DE community.

The DE²AC encompasses a wide range of subject matter experts in the areas of: gas lasers, solid state lasers, free electron lasers, beam control, laser lethality, advanced laser concepts and high power microwaves. The DE²AC's mission is to provide a solid technical foundation to meet the diverse needs of the DoD's DE community. Through strong partnerships with the Directed Energy Professional Society and the High Energy Laser Joint Technology Office, a vast amount of STI is generated on a continual basis.

The DE²AC is currently positioned to respond to user technical and bibliographic inquiries. For assistance please contact the DE²AC at 505.846.5061 DSN: 246.5061 or via email at AFRL.DE2AC@kirtland.af.mil.

Directed Energy Weapons Course

This two-day short course provides an introduction to the basic principles and techniques of directed energy weapons (DEWs). Weapon system applications will also be thoroughly analyzed.

The objective of this course is to inform program and business managers, scientific researchers, and military personnel about directed energy weapons. Sample topics include:

- Introduction to directed energy
- Different types of directed energy weapons
- Impact on the warfighter
- Threats and foreign capabilities
- Acquisition processes and challenges

Questions? Contact:

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Learn more or register at <http://wstiac.alionscience.com/training>

BUILD YOUR KNOWLEDGE IN WEAPON SYSTEMS

Onsite Training

WSTIAC will bring training to your organization. We'll customize any of our courses to meet the needs of your group. This is often your best value when training multiple participants.

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