

As an operational commander, planner, staff officer or DoD civilian, why would you consider taking an elective about non-lethal weapons (NLW)?

After all, as a senior member of the military or civilian establishment, you are attending Joint Professional Military Education to further your grasp of strategic concepts, national policy formulation/implementation and the operational art. How do Intermediate Force Capabilities (IFC) like rubber bullets, tasers and directed energy technologies help you do that?

Consider that IFC provide commanders with:

- Intermediate force to complement Joint Force lethality and enable tactical, operational and strategic agility.
- Space and time to better understand and influence uncertain, ambiguous events before escalating to lethal means.
- The ability to minimize civilian casualties and deny use of critical infrastructure without damage – and enable future Joint Force use.
- Capabilities that support unique missions (WMD security, pathogen containment, high value target capture, riot de-escalation, segregation of noncombatants from battlespace, etc.) in which high explosive kinetic force alone does not support mission accomplishment.
- Assurance to allies, partners, host nations and local nationals through a spectrum of capabilities that is proportionate to the need and threat.

This elective *provides an innovative approach to how we fight, how we posture our forces, and how we leverage our asymmetric strengths and technological advantages across the full range of military operations.*

Course Description. This course covers all NLW and technologies being investigated, developed and fielded by the Department of Defense. The following topics are addressed:

- How IFC support operational and strategic mission requirements.
- How NLW can enhance military capabilities to engage in 21st century land, maritime and air warfare.
- The past use of non-lethal concepts and technologies and their future promise.
- Civilian law enforcement uses of “less-lethal” weapons.
- A *range period* to gain first-hand experience on the utility and limitations of IFC.
- The political, medical, legal, ethical and public awareness issues involved in IFC development and use.

Class Time:

Lecture/Discussion/Guest Speakers	70%
Range Period	10%
Table Top Exercises (TTX)	10%
Student Briefings	10%

Requirements:

- Approximately 45 to 90 minutes of readings required for each class
- Actively engage in classroom discussion during each class
- Students will break into teams and develop an operational scenario where

NLW would support mission accomplishment.

- Each student **team** will present a 15-minute presentation on their operational scenario.
- Each student must write a paper on a topic derived from/relevant to the team project.

Grading based:

Class participation	40%
Briefing	30%
Paper	30%

Additional Information:

The course is taught by Old Dominion University instructors under sponsorship of the Joint Intermediate Force Capabilities Office, Quantico, VA.

<http://jnlwp.defense.gov>

This course has also been offered at the Army War College (Carlisle, PA), the Army Command and General Staff College (Leavenworth, KS), the Naval War College (Newport, RI), the Joint Forces Staff College (Norfolk, VA), National Defense University, and the Marine Corps Command & Staff College (Quantico, VA).

Course Sponsors:

Joint Non-Lethal Weapons Program (DoD)
Old Dominion University
ALEX-Alternative Experts, Inc.

Example of Intermediate Force Capabilities



TASER® X26™



Vehicle Stopping



Modular Crowd Control Munitions



Stingball Grenades & Launch Cups



Acoustic Hailing Devices



Ocular Disruption



Millimeter Wave Active Denial System



Intermediate Force Capabilities: Supporting the Joint Force Across the Competition Continuum

