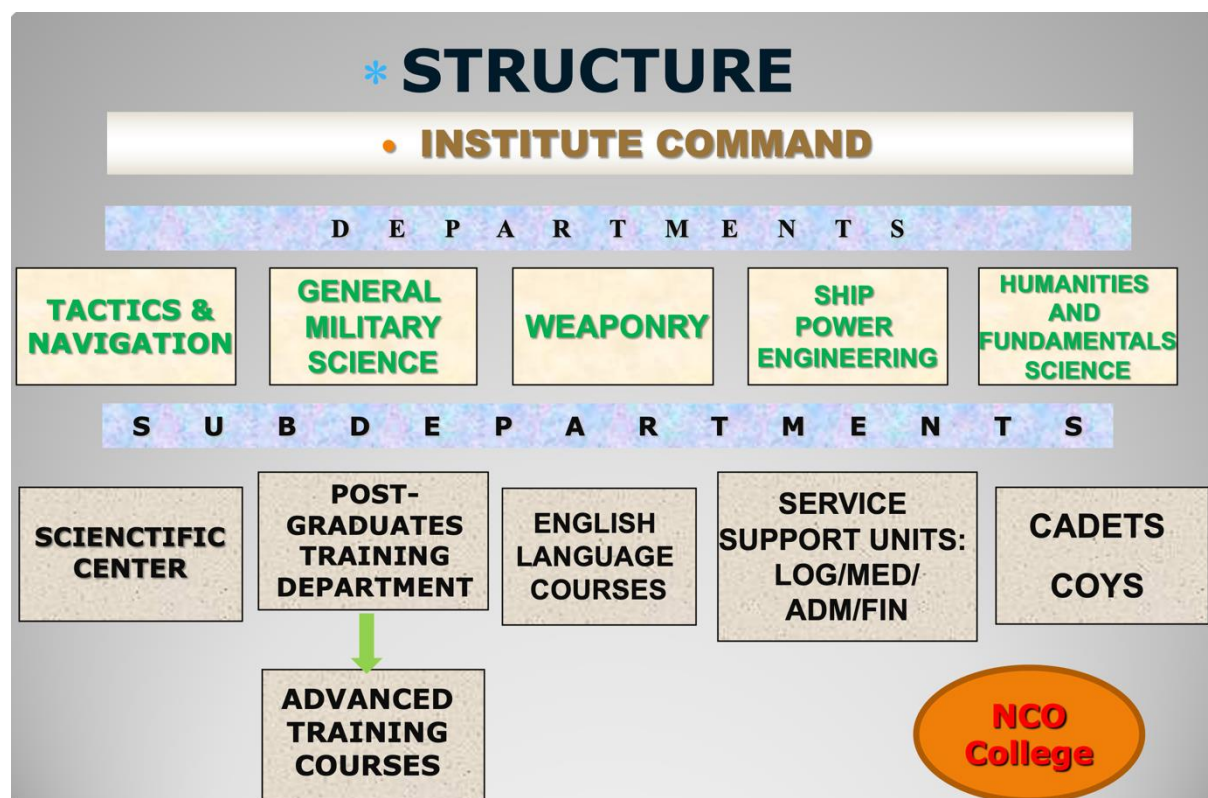


1. NAVAL INSTITUTE OF NATIONAL UNIVERSITY “ODESA MARITIME ACADEMY”

The NATO DEEP team met with CAPT(N) Goncharenko, Naval Institute commandant. DEEP support was initially offered to the Naval Academy when it was still based in the Crimea (Sevastopol). After the 2014 Russian occupation of Crimea, part of Academy was moved to Odessa and the Naval faculty of the Odessa Maritime Academy was established. The foundation day is considered to be 28 August 2014. On 27 November 2016 the naval faculty became the Naval Institute of the National University “Odesa Maritime Academy” with the mission to form the foundation for future Ukrainian Navy leadership education and training for tactical level naval officers.

A. Naval Institute Changes:

- Since the change of Institute leadership in early 2017, the NATO DEEP program has observed significant improvement and optimization in the structure and teaching process. The current structure has been changed (a Military Science (research) Center) has been created and an NCO college will soon be subordinated). The current Naval Institute organization is depicted here:



Curriculum Specialties were reduced from 9 to 5:

- Shipborne weapons systems and navigation means
- Shipborne radio technical weaponry and communication equipment
- Shipborne power systems
- Psychological and moral support

- Search and rescue and diving-emergency operations at sea
- The NATO DEEP U.S. Naval Academy-supported pilot Leadership Reaction Course (LRC) for Naval Institute cadets was conducted during 10-14 June 2019. In the future, the best senior cadets will be conducting the training for the junior cadets in the LRC course. In September 2019, the Naval Institute introduced “Leadership” as a new subject into the overall academic curriculum; 150 hours in length. At their request, General Staff officers observed a classroom component of the course being delivered for 2d year cadets in November 2019. In addition, an NCO Warrant Officer Advanced Leadership course has been introduced (for both instructors and students). This course was based on a similar course provided to Land Force NCOs at the NCO Training Center in Mykolaiv. It is now a required course for every NCO in the 5th grade rank.
- 120 hours of MDMP is being delivered within two required courses for 2d year cadets (“Basic Principles of Military Management” and “NATO Headquarters Procedures”). This curriculum is focused on the seven basic NATO steps of the tactical and operational-level decision-making process. NATO Troop Leading Procedures (TLP), normally used below the battalion level for tactical planning decision making are not taught. The NATO DEEP team suggested applying the one-year Mechanized Infantry/Tank Basic Officer course curriculum from the Land Forces Academy, L’viv to adapt the TLP curriculum contained in that course.
- A Cyber Security course was established for the 5th year cadets in 2019. The course is dedicated to the basic principles of cyber security-related decision-making process and is called “The Main Aspects of Cyber Security.” There is an emphasis on cyber security while at sea. The Naval Institute requested additional NATO DEEP support for their cyber security course. Current curriculum focus is on:
 - Threats and actions in the cyber domain
 - Governmental cyber security assurance
 - Technical and practical aspects of cyber security assurance
 - Basic principles of cyber security management
- The Naval Institute is currently operating the following Advanced Training Courses:
 - Combat Unit’ Commander
 - Rocket-artillery and Torpedo Combat Unit Commander
 - Radio Technical Combat Unit Commander

- Electromechanic Combat Unit Commander
 - Skin-Diving and Search and Rescue Operations
 - Psychological and Moral Support
 - Commander (CO), Executive Officer (XO) and Commander's Deputies
 - Headquarters (HQ) Staff Officers
- The Naval Institute has introduced a new course on NATO Operational Standards "Navigation in the Frame of Combat Actions," which focuses on:
 - EXTAC 1000
 - Maritime manoeuvring and tactical procedures, multi-national maritime manual MTP 1(D)
 - Volume II Multinational Maritime Tactical Signal and Manoeuvring Book, Communications Instructions, Radiotelephone Procedures – ACP125 (G)
 - The Naval Institute has improved English Language Training and Certification in accordance with NATO STANAG 6001. The quantity of English language hours has increased:
 - from 350 to 600 hours for a bachelor's degree
 - from 120 to 180 hours for a master's degree

Testing of the 1st year cadets has been introduced to define their language competence and to split the cadets into 3 groups according to their level of English language competence. The intensive English language course has been conducted for the 1st year cadets (180 hours). English Language STANAG certification is required for all officers/cadets. A new department for language support is being established with 4 personnel and is to be expanded to 6-8 personnel in 2021.

- DEEP program assistance for practical training on board ships at sea has been provided by France, Italy, Poland, Portugal, Romania and the U.S., and bilaterally by the United Kingdom. The primary gap that the ONI has in at sea training relates to English language skills. When possible, the ONI requested support for training on another nations' ship while conducting an ocean crossing.

B. Requests for DEEP Support:

- Practical training experiences on board ships at sea (once pandemic situation allows for such type of activities).

- Working Group on Leadership led by the U.S. Naval Academy to be established (BU, PL, UKR, U.S.) to review the Leadership curriculum currently being delivered at the Naval Institute.
- Working Group on Cybersecurity led by the U.S. Naval Academy to be established (BU, PL, UKR, U.S.) to review cybersecurity curriculum currently being delivered at the Naval Institute.
- Support the Naval Institute's application of the one-year Officer Basic Course and three-month Mechanized Infantry/Armor Captain's Career Course curricula (L1A, L1C) currently being utilized by the Land Forces Academy that addresses Troop Leading Procedures (TLP) and MDMP. Intent is to assist Naval Institute adaptation of these sections into the curriculum currently being delivered in Odessa.
- Begin a Basic Faculty Development program with two workshops to be followed by a Master Instructor Program (MIP) in the future.
- Continue BILC support for English language instructor faculty development, including Naval terminology courses for instructors. Assist in arranging class slots for three Naval Institute instructors in a STANAG Level 1 course and one instructor in a STANAG level 2 course.
- Poland will offer ADL/distance learning courses for Naval Institute instructors.
- Arrange participation in multinational scientific (research) conferences to assist the newly created Naval Institute Scientific (research) Center.