



NAVY ACADEMY

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*NATO NAVAL MINE WARFARE COURSES
AND TRAINING*

2023 SCHEDULE AND PRICES

Course	Min Level	Min/Max Seats	Duration	Dates From	Dates To	Price
NMWAC (N)	OF-1	4 – 15 seats	2 Days	On request		€ 500
OPP-7QM	OF-1	4 – 12 seats	5 Days	19/06/2023	23/06/2023	€ 700
MINEFIELD PLANNING	OF-2	4 - 15 seats	5 Days	12/06/2023	16/06/2023	€ 700
PWO NMW (N)	OF-2	4 - 15 seats	55 Days	25/09/2023	15/12/2023	€ 11.350
SO NMW (N)	OF-2	4 - 15 seats	45 Days	13/02/2023	14/04/2023	€ 8.600
MCMEXPERT / DARE	OR-7	4 - 10 seats	5 Days	05/06/2023	09/06/2023	€ 700
WARGAME (N)	-	Up to 4 students (one cubicle)	5 Days	On request		€ 6.360 per cubicle
MCM STAFF Team Training (N)	-	Up to 4 students (one cubicle)	15 Days	On request		€ 12.740
SEAFOX TRAINING	-	Up to 5 students (one cubicle)	4 Days	On request		€ 9.440 per cubicle
AWNIS BASIC	OF-1	4 - 15 seats	5 Days	23/10/2023	27/10/2023	€ 380
NCAGS BASIC	OR-7	4 - 15 seats	5 Days	20/02/2023	24/02/2023	€ 380
NCAGS BASIC	OR-7	4 – 15 seats	5 Days	16/10/2023	20/10/2023	€ 380
INDUSTRY COURSE	-	4 – 12 seats	2 Days	On request		€ 1070

Covid-19 : The possibility remains that the number of seats will be reduced to ensure social distancing.

The NAVY ACADEMY offers a wide range of naval mine warfare and naval mine warfare related courses and training/facilities for NATO Navy personnel.

1. **BOOKINGS**

- a. For each of the courses, bookings are to be addressed to the NAVY ACADEMY as early as possible but **at least three months** prior to the start date.
- b. Six weeks in advance of the course the NAVY ACADEMY will send the authorities, the joining instructions and an information sheet. This information sheet, requesting information of the student, has to be completed and returned to the NAVY ACADEMY as soon as possible but NOT later than 3 weeks in advance of the commencement of the enrolled course.
- c. A maximum and minimum number of participants has been set for each course. Should the minimum quota for a particular course not be met, it could be cancelled.
- d. Reservations can be cancelled without fee at least 6 weeks before starting the course. In case of cancellation between 6 weeks and 30 days before starting the course, 25% of the fee can be charged.
In case of cancellation between 30 and 15 days before starting the course, 50% of the fee can be charged.
In case of cancellation within 14 days of the course, 75% of the fee will be charged.
For all cases one has to submit his/her cancellation by email at NAC-LLP-EA-NMW@mil.be

2. **PRICES AND DATES**

- a. Prices and course dates change regularly. For updated information check our website (<https://navyacademy.mil.be/>) or contact NAVY ACADEMY by:
 - Phone: +32 2 44 31121
 - E-mail: NAC-LLP-EA-NMW@mil.be
- b. Payments are in Euro.

3. **KNOWLEDGE ENGLISH**

- a. To participate in a course the English language skills have to be of an **advanced** level.
The school retains the right to refuse a student if his language skills are proven insufficient.
- b. Minimum required level :
 - NATO STANAG 6001 : Level 2 / 2 / 2 / 2
 - Cambridge English Qualifications : C1 Advanced
<https://www.cambridgeenglish.org/exams-and-tests/cambridge-english-scale/>
Test : <https://www.cambridgeenglish.org/test-your-english/>

4. **MILITARY ACCOMMODATION AND MESSING FACILITIES**

- a. Unless agreed prior to the start of the course (exceptional case), the students will be individually charged for their military accommodation and messing facilities.
- b. The Belgian Navy considers the single occupancy rooms to be of Lt Cdr or lower rank standard; nonetheless higher ranks can be housed in the school if they so desire. The NAVY ACADEMY will give priority to the lower ranks when insufficient military rooms are available.
- c. Prices per person/night: € 23.00.
Payable: Only by Card (Maestro, Mastercard or Visa).
- d. Ostend has many available hotels. Most hotels are within walking distance from the school. Please make your own reservations and refer to the NAVY ACADEMY (NMW CoE) to ensure preferential rate. (info on the NAVY ACADEMY webpage lodging & transport). Most of the hotels can be booked via Oostende Tourism (www.visitoostende.be) phone +32 59 70 11 99. As Ostend is a premier seaside resort an early reservation during summer is advised.
- e. Messing:
During Fridays supper, weekends and Belgian public holidays meals will not be served.
 - Breakfast: € 3.00
 - Lunch / Spaghetti / Lasagne: € 6.00
 - Soup: € 0.50
 - Supper: € 4.00
 - Take away sandwich: € 3.00
 Payment: Cash / Bancontact / Maestro / Payconiq / VISA / American Express

5. **TRANSPORTATION**

Ostend is well connected to trains and Brussels Airport. The NAVY ACADEMY is located within 10 minutes' walk from the railway station in Ostend.

6. **DRESS**

During working hours the Belgian rules concerning the uniform are to be respected. This means that during normal days the "daily working rig" can be worn. Service blue must be taken along for ceremonial or other representative activities.

7. **MEDICAL SUPPORT**

- a. First aid service is available at the NAVY ACADEMY. For medical and dental support a list of recognized doctors and dentists is available at the reception.
- b. Students who are not nationals of the European Union and who are covered by a healthcare insurance in their country of origin must ask their insurance in order to check whether it covers them in Belgium, within the framework of international agreements.
- c. Students who are nationals of a country of the European Union must have a European health insurance card from the insurer of their country of origin. This card will allow them to obtain cover for medical care by the mutual health insurance fund under the same conditions as a Belgian insured.

NMWAC (N)

I. NAVAL MINE WARFARE AWARENESS COURSE (NATO)

1. *PURPOSE OF THE COURSE*

To familiarize non NMCM-community with information to enable them to understand challenges in naval mine warfare in relation to maritime operations in or close to a Mine Threat Area.

2. *PREREQUISITES FOR ATTENDANCE*

NONE

3. *SECURITY CLEARANCE*

N A T O C O N F I D E N T I A L

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE COURSE*

2 working days.

5. *SPACES AVAILABLE*

4 to 15 students

OPP-7QMP (N)

**II. OPERATIONAL PLANNING PROCESS AND 7 QUESTIONS
PLANNING MODEL (TACTICAL LEVEL) COURSE (NATO)**

1. *PURPOSE OF THE COURSE*

To educate and train officers in the NATO OPP (introduction) and 7QM Tactical Planning Method focused on NMCM operations in order to be able to contribute to the Commanders Estimate of the Situation and to produce OPLANs and OPORDs for NMW Operations and NMW Exercises.

2. *PREREQUISITES FOR ATTENDANCE*

Extensive knowledge and experience in MCM operations.

3. *SECURITY CLEARANCE*

N A T O C O N F I D E N T I A L

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE COURSE*

5 working days.

5. *SPACES AVAILABLE*

4 to 12 students

MFP (N)

III. MINEFIELD PLANNING (NATO)

1. *PURPOSE OF THE COURSE*

To educate staff-officers NMW in the planning of minefields. Upon completion of the course students will be able, based on tactical decisions and goals, to plan minefields in order to help shape the battlefield.

2. *PREREQUISITES FOR ATTENDANCE*

Extensive knowledge and experience in MCM operations.

3. *SECURITY CLEARANCE*

NATO S E C R E T

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE TRAINING*

5 working days.

5. *SPACES AVAILABLE*

4 to 15 students

PWO NMW (N)

IV. PRINCIPLE WARFARE OFFICER NAVAL MINE WARFARE (NATO)

1. *PURPOSE OF THE COURSE*

To educate MCM officers with extensive knowledge of NMW and MCM seagoing experience to be able to support a NMCM Staff as a Battle Watch Captain or to act as a NMCM staff officer at Tasking authority level.

2. *PREREQUISITES FOR ATTENDANCE*

Participants must have:

- a. Understanding of problems of NMW in relation to maritime operations.
- b. Seagoing experience as an OPSO on board a MCMV during MCM operations.

If prerequisites a. and b. are not met, the NMWAC-N Course (at the NAVY ACADEMY and on request) is **mandatory**.

3. *SECURITY CLEARANCE*

N A T O S E C R E T

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE COURSE*

55 working days.

5. *SPACES AVAILABLE*

4 to 15 students

6. *NOTE*

The course covers:

- a. All elements of NMCM with a focus on Minesweeping and Minehunting (including AUV).
- b. Minefieldplanning.
- c. OPP-7Q tactical estimate using NATO doctrine.
- d. Introduction into other Warfare areas.

7. *IMPORTANT NOTE*

In order to successfully complete the course, the students must have a minimum score of 60 percent on each individual exam (both theory and practical wargames)

SO NMW (N)

V. STAFF OFFICER NAVAL MINE WARFARE COURSE (NATO)

1. *PURPOSE OF THE COURSE*

To educate and train MCM officers to act as:

- a. Naval Mine warfare staff function afloat (e.g. NMW Staff Officer of a NATO SNMCMG) up to Mine warfare coordinator level. (CTF)
- b. Commanding officer of an MCM-flotilla, -squadron or - division.
- c. Instructor at a naval mine warfare school

2. *PREREQUISITES FOR ATTENDANCE*

Participants must have successfully attended the PWO NMW-N course or the former AMWC-N. (including OPP-7QM, MINEFIELD PLANNING and MCM EXPERT) and have gained sufficient experience at sea in NMCM functions may subscribe to this course.

3. *SECURITY CLEARANCE*

N A T O S E C R E T

Upon arrival students must be in possession of a valid security clearance

4. *LENGTH OF THE COURSE*

45 working days training at the schools tactical center including extensive use of MCMEXPERT and DARE, Wargaming and a study trip to (operational) NATO command.

5. *SPACES AVAILABLE*

4 to 15 students

6. *IMPORTANT NOTE*

In order to successfully complete the course, the students must have a minimum score of 60 percent on each individual exam (practical wargames)

MCMEXPERT / DARE

**VI. MINE COUNTERMEASURES EXCLUSIVE PLANNING EVALUATION,
RISK ASSESSMENT SOFTWARE TOOLS COURSE**

1. *PURPOSE OF THE COURSE*

To familiarize (future Staff) Officers Naval Mine Warfare with the detailed use of the "MCM-EXPERT & DARE"-program and applications in order to provide them with the required expertise as user of the program.

2. *PREREQUISITES FOR ATTENDANCE*

- a. Basic knowledge of NMW terminology;
- b. Knowledge of the NMW Planning and Evaluation Principles;

3. *SECURITY CLEARANCE*

N A T O C O N F I D E N T I A L

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE COURSE*

5 working days.

5. *SPACES AVAILABLE*

4 to 10 students

WARGAME (N)**VII. WARGAME TRAINING FOR MINEWARFARE (NATO)****1. PURPOSE OF THE TRAINING**

The purpose is to educate and train staff officers in the operational planning process, work as staff officer NMW in an international staff and work as NMCM tasking authority by means of computer simulation, to enable them to take decisions in NMW-matters.

The participants are officers on a CTG/CTF level.

At the completion of the training, the participants will have a better understanding of:

- a. Interaction between different levels of Command and control during NMW-Ops;
- b. Execution of the planning process (OPP-7QM);
- c. Application of NMW-publications and documents during the process of tasking units;
- d. Incident evaluation and solving during NMW-Ops.

Three formulas are practiced:

- a. An international or national NMCM Staff requiring training prior to deployment.
- b. A national group (min 4 persons), for example a commanding officer and three assistants require training in NMCM operation.
- c. There are sufficient associated officers to form a minimum of one NMCM task group staff (minimum 4 students).

Beside the training at the NAVY ACADEMY we also offer a mobile version of wargaming, allowing training on scene. For more details and possibilities on mobile wargaming contact the NAVY ACADEMY.

2. PREREQUISITES FOR ATTENDANCE

Participants must have:

- a. Extensive seagoing experience as OPS officer, XO or CO o/b MCMV;
- b. Understanding of the NATO OPP and 7 Questions Tactical Planning Model;
- c. Preferably experience in operating in a NATO SNMCMG;
- d. Knowledge and experience in Mine Threat analysis and in the use of NATO NMW Planning and Evaluation tools.

3. SECURITY CLEARANCE

N A T O C O N F I D E N T I A L

Upon arrival students must be in possession of a valid security clearance.

4. LENGTH OF THE TRAINING

Duration dependent of the chosen training and adaptable in consultation with the NAVY ACADEMY :

- a. 10 or 15 working days for the combined training of 7QM Planning method and NMCM Tasking;
- b. 5 working days for the NMCM Tasking training.

5. SPACES AVAILABLE

Up to 4 students (one cubicle).

MCM STAFF - TT (N)**VIII. MCM STAFF TEAM TRAINING (NATO)****1. *PURPOSE OF THE COURSE***

The purpose is to train an international or national MCM Staff prior to their deployment. The training will be tailor-made to the requirement of the customer and could include the following modules:

- a. Refreshment mine threat analysis;
- b. Refreshment planning and evaluation of NMCM ops;
- c. Refreshment tasking and reporting;
- d. Refreshment NCAGS and AWNIS;
- e. Refreshment OPP and 7QPM;
- f. Prepare OPORD or MCM OPDIR from scenario (1 week);
- g. Conduct Wargame based on OPORD or MCM OPDIR (1 week).

2. *PREREQUISITES FOR ATTENDANCE*

Participants must have:

- a. Extensive seagoing experience as OPS officer, XO and/or CO on board MCMV;
- b. Understanding of the NATO OPP and 7 Questions planning model;
- c. Preferably experience in operating in a NATO SNMCMG;
- d. Knowledge and experience in Mine threat analysis and the use of NMW Planning and Evaluation tools;
- e. Form a MCM Staff consisting of a MCM Commander, PSO-NMW, SO NMW, CPO-OPS and PO-OPS.

3. *SECURITY CLEARANCE*

N A T O C O N F I D E N T I A L

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE TRAINING*

It is anticipated that the team training will be conducted in a period of 1 to 3 weeks pending the requirement for training.

5. *SPACES AVAILABLE*

Up to 4 students (one cubicle).

SEAFOX TRAINING (N)

IX. SEAFOX TRAINING (NATO)

1. *PURPOSE OF THE TRAINING*

To practice SEAFOX-I and SEAFOX-C runs against ground and moored mines in a realistic environment.

2. *PREREQUISITES FOR ATTENDANCE*

Participants must have:

- a. Theoretical knowledge of the SEAFOX-I and SEAFOX-C;
- b. Basic NMCM knowledge;
- c. Because of different national procedures, the requesting authority has to bring their own instructors with them during the course.

3. *SECURITY CLEARANCE*

N A T O C O N F I D E N T I A L

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE TRAINING*

4 working days.

5. *SPACES AVAILABLE*

Up to 5 students (one cubicle).

AWNIS BASIC

X. ALLIED WORLDWIDE NAVIGATION INFORMATION SYSTEM BASIC COURSE

1. *PURPOSE OF THE COURSE*

The purpose of this course is to educate and train officers serving afloat or ashore, providing the necessary knowledge, skills and attitudes to act as an AWNIS desk officer. At the completion of the course, it is expected that participants will be able to:

- a. Act as a desk officer to the Maritime Component Commander;
- b. Provide Non-AWNIS Officers with the ability to understand how their specialization integrates with AWNIS;
- c. Appreciate the integration between AWNIS, NMW and NCAGS and AWNIS as part of CIMIC and maritime influence;
- d. Conduct a rapid port assessment;
- e. Collate, coordinate and promulgate safety and security of navigation information with a maritime operation;
- f. Act as AWNIS Officer to MCM TA, NCAGS SCP.

2. *PREREQUISITES FOR ATTENDANCE*

It is recommended that the candidates have maritime operational experience.

3. *SECURITY CLEARANCE*

N A T O S E C R E T

Upon arrival students must be in possession of a valid security clearance.

4. *LENGTH OF THE COURSE*

5 working days.

5. *SPACES AVAILABLE*

4 to 15 students

NCAGS BASIC

XI. NAVAL COORDINATION AND GUIDANCE TO SHIPPING

1. *PURPOSE OF THE COURSE*

Students are introduced to the NCAGS structure. The focus in the theory component of the course is to develop good knowledge and basic skills and correct attitudes to support an operational staff in NCAGS matters and operate in a Deployed NCAGS Element (DNE).

Participation in the Command Post Exercise (CPX) SNOW MASTER is strongly recommended being the practical part of the basic NCAGS training.

2. *PREREQUISITES FOR ATTENDANCE*

It is recommended that the candidates have maritime operational experience.

3. *SECURITY CLEARANCE*

NATO UNCLASSIFIED

4. *LENGTH OF THE COURSE*

5 working days.

5. *SPACES AVAILABLE*

4 to 15 students

INDUSTRY COURSE

XIII. INDUSTRY COURSE

1. *PURPOSE OF THE COURSE*

To provide interested civilian industry with a basic understanding of Naval Mine Warfare.

2. *PREREQUISITES FOR ATTENDANCE*

Approval by Belgian military security branch.

3. *SECURITY CLEARANCE*

NATO UNCLASSIFIED

4. *LENGTH OF THE TRAINING*

2 working days.

5. *SPACES AVAILABLE*

4 to 12 students