



MINISTRY OF EDUCATION  
CONSTANTA MARITIME UNIVERSITY

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## DP Induction Course

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Constanta Maritime University,  
DP Training Centre

Address:

104 Mircea cel Bătrân St,  
Constanta 900663, Romania  
4<sup>th</sup> Floor, Room 407

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**“Choose to attend DP Induction Course at Constanta Maritime University Training Centre to gain theoretical and hands-on experience with the market leading DP Kongsberg Simulator”**



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Association of Maritime  
Universities



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Institute



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Association

# DP INDUCTION COURSE

## 1. Course aim

The overall aim of the **DP Induction Course** is to provide participants with a basic understanding of Dynamic Positioning as well as the advantages and limitations of the DP control systems. The course duration is four days, 30 hrs in total.

Number of participants: minimum 3 to maximum 8. The DP trainees are also notified that the training session will not start without a minimum of three trainees.

By the completion of the **DP Induction Course**, the trainee will be able to:

- Define the principles of DP.
- Recognise the component parts of a DP system.
- Understand the relationship between vessel movement, position reference systems, sensors, computers, propulsion units and feedback.
- Understand the concept of redundancy.
- Understand the DP modes of control.
- Describe the operation of sensors and common position reference systems.
- Describe the operation of computers.
- Describe propulsion units, types and configurations.
- Understand power supply, redundancy and management.
- Practice communication and watch handover procedures.

## 2. Enrollment pack

The administrative registration of DP trainees is completed by CMU Training Centre in accordance with NI DP Training & Certification Scheme (including entry level requirements) and CMU Training Centre Administration Registration Procedure.

Step 1. Entry requirements

**Valid CoC** according STCW qualification: Regulation II/1 - II/2 - II/3 Deck or Regulation III/1 – III /2 – III/3 Engine or Regulation III/6 ETO; or

**Official approval form the Nautical Institute** to attend the course for Marine Vocational Qualification; or

**The proof that the DP Candidate are on STCW training** for Officer Trainees.

If the applicant falls into one of the three above-mentioned categories, then the applicant may proceed to the next step.

Step 2. Application process (Application Form)

By e-mail sent to: [dp.registration@cmu-edu.eu](mailto:dp.registration@cmu-edu.eu). Applicants should send the application form by e-mail and they will be confirmed and coordinated for the next step by the CMU Training Centre Secretary;

Desk office: From Monday to Friday 7.30 – 15.30, applicants have the possibility to pass the application form in the printed copy at Constanta Maritime University, 104, Mircea cel Batran St., 900663, DP Secretary Office E108. The confirmation for registration will be sent by e-mail to the applicant.

The CMU Training Centre Secretary communicates to DP Trainees the enrolment pack outlining course timetable, accommodation, transport, location and the contact details of CMU Training Centre.

Once the application was received and confirmed by CMU Training Centre the applicant may proceed to the next step.

### Step 3. Payments

DP Induction course fee – 900 Euro

DP Induction course fee for Constanta Maritime University students – 600 Euro

Cash: Monday to Friday 8.00 – 10.00, Constanta Maritime University, 104, Mircea cel Batran St., 900663, Constanta, Romania, Cash desk E113.

Bank transfer to Constanta Maritime University's account. 104, Mircea cel Batran St. Constanta, Romania, CUI 2747321

- for Euro please use – Bank: Banca Comerciala Romana, Address: Strada Traian nr.68, Constanta, SWIFT: RNCBROBU, IBAN: RO74RNCB0114032048140005
- for Romanian Currency – Lei, please use IBAN: RO74TREZ23120F330500XXXX

Please specify transfer details: *Name\_Surname, DP Induction Course.*

Once the payment was completed the CMU Training Centre Secretary sends by e-mail the confirmation.

### 3. Course timetable

Duration: 4 days (Mon to Thu, 0800 hrs to 1700 hrs, 2\*15 min coffee break, 30 min lunch break)

Day	0800- 1000	1000 - 1015	1015 – 1200	1200-1230	1230-1430	1430 - 1445	1445-1700
Monday	Mod 1 – Introduction Mod 2 – History  Mod 3 - Principles	break	Mod 6 – Control & Redundancy	Lunch  NI register	Mod 10 – Environment & heading References  Mod 5 – Worksite approach	break	Panel & Display + exercise  Exercise worksite approach & completing

Tuesday	Q&A Days 1 Mod 7 – Thrusters, Gain & Azi setup Mod 11 –GNSS	break	Mod 12 – Laser PRS Mod 13 – Microwave PRS Mod 14 – Taut wire	LUNCH  PERSONAL DP PRACTICE	Mod 15 –HPR Exercise UTMs	break	Exercise Square track
Wednesday	Q&A Days 2 Mod 9 - UTM Mod 8 – Pos ref handling Mod 21 –Power Gen and PMS	break	Mod 24 – Comms & DP watchkeeping		Mod 16 – Autotrack Mod 22 – Capability plots	break	Mod 18 – Shallow water Mod 23 – FMEA/trials
Thursday	Q&A Day 3 Test preparation Q&A Mod 17- Follow Target; Diving and ROV Mod 7 (Cont.) Thruster Bias and Allocation set up	break	DP Incidents Exercise worksite approach & completing Q&A		Revision Exam	break	DP Logbooks Mod 25 Logbook Keeping Questions Closeout
	8 hrs		7 hrs		8 hrs		7 hrs

#### 4. Certificate

On successful completion of DP Induction course, the DP trainee will receive the Certificate of DP Induction Course completion and the DP Logbook. The course will be logged into the DP Logbook.

The DP Logbooks are published by the Nautical Institute. DP Trainees may purchase these from CMU Training Centre at additional cost of 125 EUR, payable as referred in the section related to payment.

#### 5. Accommodation

Less than five minutes walking there are hotels offering you nice landscapes of the Black Sea and Tomis Port, Constanta.

\*\*\* Hotel Dali, 6A, Smardan St, 900664 Constanta, Romania

\*\*\* Hotel Continental Forum Constanta, 39-41, Mircea cel Batran St., 900744 Constanta, Romania

\*\*\*\* Hotel Cherica, 4, Stefan cel Mare St, 900726, Constanta, Romania

For accommodation, we collaborate with Dali, 3-star hotel. They offer preferential tariffs to our trainees, from 40 to 50 Euro per night, breakfast included (according to the period and the type of room). The hotel is next to our training centre, two minutes walking distance. If you want to book the room, please write an e-mail at address [receptie@hotel-dali.ro](mailto:receptie@hotel-dali.ro), with the subject: Participant to UMC courses.

## 6. Transport

International Airport Mihail Kogalniceanu (CND) is the nearest airport to Constanta, about 20 km (Note that this is a small airport and there are only a few flights per week. Please check: <http://www.mk-airport.ro/indexen.php>).

International Airport Henri Coanda (OTP), Bucuresti is about 240 km away from Constanta, approximately 2.5 to 3 hours' drive on the highway. Regular airport transfers cover the route from Henry Coanda International Airport (OTP), Bucharest to Constanta. CMU DP Training Centre coordinator can assist you with booking the transport.

CMU-DP Training Centre is located close to the sea in the heart of the city. Local transport in Constanta is provided by regular buses during the week from 5.15 to 23.00, at 9-10 min frequency. The closest bus station to CMU-DP Training Centre is C.M.J, buses 40 and 43.

## 7. Cancellation policy

The DP candidates may cancel the course and receive full refund (except for the bank charges) if cancellation occurs minimum one week before the course starts. Otherwise, within one week before the course begins, the DP trainees may reschedule their attendance to a later available training session. Cancellation within one week before the course begins is not possible; in such case the course fee is not refundable to DP trainees.

## 8. Late coming policy

If, for various reasons, a participant is late for the first day of DP course, a delay of no more than half a day is allowed, respectively a maximum of 4 hours of those allotted for daily training. The lost hours will be recovered by the participant during the following training days. The procedure mentioned above is to provide better understanding on CMU DP Training Centre aspects of the late coming, because of flights delays, traffic or country border passing procedures, on the first day of the course.

## DP CENTRE contact details

The DP Courses are held at Constanta Maritime University Training Centre, situated at 104, Mircea cel Batran St. Constanta, Romania: <https://goo.gl/maps/J9qK2JTztdy>

**Third floor, Room 307**



Contact details: Constanta Maritime University Training Centre  
104 Mircea cel Bătrân St, Constanta 900663, Romania

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