

Програма підготовки магістрів у галузі знань 13 «Механічна інженерія»  
зі спеціальності 135 «Суднобудування»  
освітньо-професійна програма «Яхтинг, малі судна та водний туризм»

**«Іноземна мова»**

**60 год./2 кредити ЕКТС (30 год. практичних занять)**

***Навчальний контент***

**Модуль 1**

**Змістовий модуль 1 General Arrangement of a Ship**

**Тема 1** What is a modern ship? Vessel. Ship. Craft. Boat. Difference between them.

**Тема 2** Ship hull structure.

**Тема 3** Longitudinal and transverse scantlings. Shell Plating. Decks.

**Модуль 2**

**Змістовий модуль 2 Ship Construction**

**Тема 4** Longitudinal and transverse scantlings. Bulkheads. Double Bottom. Keels.

**Тема 5** Longitudinal and transverse scantlings. Frames. Floors. Stems and Stern Posts. Pillars and Girders.

**Тема 6** Classification of Sea-going Ships. Types of Ships.

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***Теми практичних занять***

№ з/п	Назва теми	Кількість годин
1	What is a modern ship?	2
2	Vessel. Ship. Craft. Boat. Difference between them.	2
3	Ship hull structure.	2
4	Longitudinal and transverse scantlings. Shell Plating	2
5	Longitudinal and transverse scantlings. Bulkheads. Keels	2
6	Home Reading.	3
7	Module test 1	2
8	Longitudinal and transverse scantlings. Frames. Floors	2
9	Longitudinal and transverse scantlings. Pillars and Girders	2
10	Classification of Sea-going Ship.	2
11	Types of cargo ships.	2
12	Reading Comprehension.	2
13	Home Reading.	3
14	Module test 2.	2
<b>Разом</b>		<b>30</b>

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***Завдання для самостійної роботи***

№ з/п	Назва теми	Кількість годин
1	Verb. Review the Indefinite tenses	4
2	Verb. Review the Continuous tenses	4
3	Verb. Review the Perfect tenses	3
4	Grammar Revision. Tenses	3
5	The Passive Voice	4
6	Conditional Mood	4
7	Complex Sentence	4
8	Grammar Revision. Voice	4
<b>Разом</b>		<b>30</b>

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***Завдання для поточного та підсумкового контролю***

***Контрольні питання до 1-го модуля***

1. What defines the basic structural class of a ship?
2. What is a general term for sea-going vessels of every kind?
3. What is the difference in the meaning of the terms "vessel" and "craft"?
4. What is a modern ship?
5. What are three main parts of the hull?
6. What members divide the hull into compartments?
7. What cargo spaces are there inside the hull?
8. What tanks are provided on board a ship?
9. How are plates joined to make up strakes?
10. What are the three systems of framing?
11. What is the difference between inner and double bottoms?
12. What superstructures are there on board a ship?
13. What scantlings are ship's structural members divided into?
14. What structural members are referred to longitudinal ones?
15. What are the principle transverse scantlings?
16. What are the functions of both kinds of scantlings?
17. How can the bulkheads be classified according to their arrangement in the hull and their tightness?
18. What are the functions of bulkheads?
19. In what way do the bulkheads assist the ship's unsinkability?
20. Where is the collision bulkhead placed?
21. What is the duty of a deck?
22. What kinds of decks are known?
23. What are the functions of the camber and the sheer of the deck?
24. Where is double bottom arranged in the hull?
25. What is the double bottom used for?
26. What is the difference between inner bottom and double bottom?
27. What is a flat plate keel?
28. What is the function of a bilge keel?

### ***Контрольні питання до 2-го модуля***

1. What are the main indications of ships' classification?
2. Into what groups can all sea-going ships be divided according to their duties?
3. What types of ships are included into the fishery group?
4. What types of ships are referred to special ones?
5. What two main groups are all cargo ships divided into?
6. What is the difference between universal and specialized cargo ships?
7. How can dry cargo vessels be classified in dependence of the cargo handling methods they use?
8. What idea do LASH and container ships have in common?
9. Why is shipbuilding one of the most important assembly industries?
10. What is a building berth?
11. What must the naval architect and the shipowner coordinate?
12. What are the production stages in ship construction?
13. What does ship launching concern?
15. What is a fitting out quay provided for?
16. What trials take place in the open sea?
17. What type of ship is the "Seven Seas Voyager"?
18. What is interesting about this ship from a technical standpoint?
19. What does the diesel electric plant consist of?
20. How many decks do the passengers facilities occupy?
21. What type of vessel is the "Courageous Ace"?
22. What is particular about a new six-ship series?
23. What features the new measures lead to?
24. How is the ship powered?