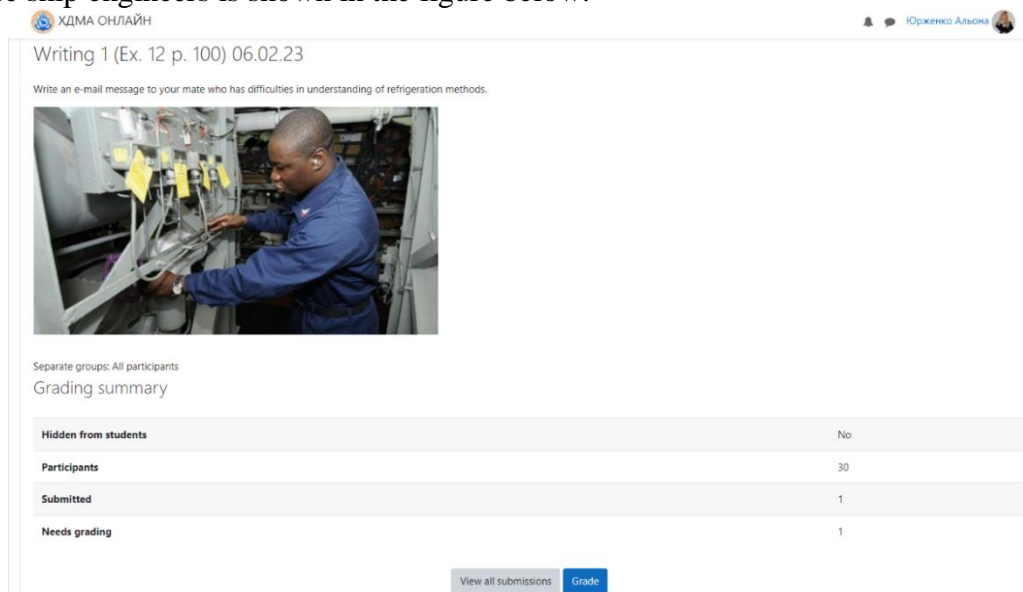


THE SPECIFICS OF TRAINING SPECIALISTS IN THE TRANSPORT INDUSTRY UNDER MARTIAL LAW

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Introduction. Ukraine has a long history of maritime education and training (MET), with several institutions offering programs in the field. The oldest maritime higher education institution in Ukraine is Kherson State Maritime Academe (KSMA). The Ukrainian government has also made efforts to improve the quality of MET in the country, particularly in response to changing international standards and regulations. In recent years, the government has invested in the modernization of training facilities, the development of new curriculum and training programs, and the establishment of partnerships with international organizations and institutions. Nowadays in terms of martial law educational process at KSMA is conducted in fully remote mode. The main resource KSMA use while e-learning is LMS Moodle [1].

With Moodle, teachers can create and manage course content, assignments, assessments, and discussions online. Moodle allows you to create a wide variety of activities that can be used to engage cadets and facilitate learning. Some of the activities that can be created in Moodle include: Quizzes (teacher create quizzes that include multiple-choice, true/false, short answer, and essay questions, among others, Moodle provides a range of question types and settings to create custom quizzes) [2]; Forums (teacher creates discussion forums that allow cadets to post questions, comments, and replies, Moodle provides a range of forum types, including standard forums, news forums, and Q&A forums) [3]; Wikis (teachers create wikis that allow students to collaborate on documents and build knowledge together); Surveys (teachers create surveys to gather feedback from students about a course or specific topics) [4]; Glossaries (teachers create glossaries that allow students to create and share definitions of key terms and concepts); Lessons (teachers create lessons that include content and questions, and cadets progress through the lesson based on their responses); Assignments (teacher creates assignments that require students to submit files or text, and set deadlines for these assignments). Example of Assignment activity for future ship engineers is shown in the figure below.




ХДМА ОНЛАЙН

Юрченко Альона

Writing 1 (Ex. 12 p. 100) 06.02.23

Write an e-mail message to your mate who has difficulties in understanding of refrigeration methods.



Separate groups: All participants

Grading summary

Hidden from students	No
Participants	30
Submitted	1
Needs grading	1

View all submissions Grade

Figure 1 – Assignment activity on LMS Moodle (Maritime English online course)

These are just a few examples of the activities that can be created in Moodle. Moodle provides a wide range of options and settings for each activity, giving teachers the flexibility to create customized learning experiences.

As videoconference service BigBlueButton on LMS Moodle was chosen to train specialists of the transport industry at KSMA. BigBlueButton is an open-source web conferencing system that allows real-time collaboration and communication through various multimedia tools such as audio, video, chat, and screen sharing. In the context of LMS Moodle, BigBlueButton was integrated as a plugin to provide online classrooms and virtual meeting spaces for teachers and cadets. The integration allows teachers to schedule and launch online classes directly from their Moodle course pages, and students can join the classes without leaving Moodle. BigBlueButton on Moodle provides an interactive and immersive environment for cadets and teachers to engage with each other. Additionally, BigBlueButton also provides features such as breakout rooms, recording, polling, and whiteboarding, making it a versatile tool for various online teaching and learning scenarios [5].

KSMA also uses its own e-repository in order to preserve and provide long-term access to institutional research outputs, data, and other scholarly materials (rep.ksma.ks.ua). By storing digital assets in a repository, KSMA ensures that valuable information is properly managed, curated, and preserved for future generations.

Conclusions. LMS Moodle allows teachers to create a wide variety of activities, such as quizzes, forums, wikis, surveys, glossaries, lessons, and assignments. Videoconference service BigBlueButton on LMS Moodle provides real-time collaboration and communication tools such as audio, video, chat, and screen sharing. The integration of BigBlueButton on Moodle allows teachers to schedule and launch online classes directly from their course pages, and students can join the classes without leaving Moodle. Own e-repository of maritime higher education institution helps to preserve and provide long-term access to institutional research outputs, data, and other scholarly materials. Overall, it's proved that e-learning technologies and resources such as Moodle, BigBlueButton, and e-repositories can play an important role in training specialists in the transport industry, particularly in times of crisis such as martial law.

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