



Subject card

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|---|--|--|-------------------------------------|------------|---|---------|-----|
| Subject name and code | Yacht Equipment, PG_00056264 | | | | | | |
| Field of study | Design and Construction of Yachts | | | | | | |
| Date of commencement of studies | October 2021 | Academic year of realisation of subject | | | 2023/2024 | | |
| Education level | first-cycle studies | Subject group | | | Obligatory subject group in the field of study Subject group related to practical vocational preparation | | |
| Mode of study | Full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 3 | Language of instruction | | | Polish | | |
| Semester of study | 5 | ECTS credits | | | 2.0 | | |
| Learning profile | practical profile | Assessment form | | | assessment | | |
| Conducting unit | Faculty of Ocean Engineering and Ship Technology | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr inż. Wojciech Leśniewski | | | | | |
| | Teachers | dr inż. Wojciech Leśniewski | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 0.0 | 5.0 | 10.0 | 0.0 | 30 |
| E-learning hours included: 0.0 | | | | | | | |
| Learning activity and number of study hours | Learning activity | Participation in didactic classes included in study plan | Participation in consultation hours | | Self-study | | SUM |
| | Number of study hours | 30 | 4.0 | | 16.0 | | 50 |
| Subject objectives | To acquaint students with the basic equipment of contemporary yachts | | | | | | |
| Learning outcomes | Course outcome | Subject outcome | | | Method of verification | | |
| | K6_W04 | The student is able to use computer software to acquire knowledge and implement projects. | | | [SW3] Assessment of knowledge contained in written work and projects | | |
| | K6_W05 | The student is able to choose the equipment of the vessel based on the shipowner's requirements and the regulations of classification societies. | | | [SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects | | |
| | K6_K03 | The student is able to make informed design decisions based on design regulations and recommendations | | | [SK5] Assessment of ability to solve problems that arise in practice | | |
| | K6_W03 | The student knows the basic and required equipment of the watercraft. | | | [SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects | | |
| Subject contents | Lectures: To familiarize students with the requirements of classification societies regarding yacht equipment. Discussion of the principle of operation and selection of basic systems and devices including: water and sanitary and fire protection systems, steering gear, mooring and anchoring, rescue and rescue, for handling sails and reloading. Exercises: Determination of main loads and technical parameters of basic devices and their selection for specific types and sizes of yachts Laboratories: Getting to know examples of ship equipment solutions. | | | | | | |
| Prerequisites and co-requisites | Knowledge of technical drawing and basics of machine construction | | | | | | |

| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
|---------------------------------|--|---|-------------------------------|
| | | 50.0% | 50.0% |
| | | 50.0% | 50.0% |
| Recommended reading | Basic literature | <p>1. Dietrich M. i inni: Podstawy konstrukcji maszyn . WNT 1999.</p> <p>2. Szala J.: Napędy Mechaniczne - materiały z podstaw konstrukcji maszyn. Wydawnictwo ATR - Bydgoszcz 1997</p> <p>3. Katalogi osprzętu jachtowego</p> <p>4. <i>Polski Rejestr Statków, przepisy klasyfikacji i budowy jachtów morskich,</i></p> <p>5. <i>Z.J. Milewski, Projektowanie i Budowa Jachtów żaglowych,</i></p> <p>6. <i>L. Larsson, M. Orych, R. E. Eliasson, Podstawy projektowania jachtów,</i></p> | |
| | Supplementary literature | Kurmaz L. - Projektowanie węzłów i części maszyn | |
| | eResources addresses | Adresy na platformie eNauczanie: Wyposażenie jachtowe (PG_00056264) 23/24 - Moodle ID: 34956 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=34956 | |
| | Example issues/ example questions/ tasks being completed | Determination of technical parameters and selection of the device: steering, mooring and anchoring, capstan for tightening sails, boat davit, thruster, etc. | |
| Work placement | Not applicable | | |