

| Course Details | | | | | | | | | |
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| Code | | | | Acad | Academic Year | | | Semester | |
| ISG001 | | | | | 4 | | | | |
| Title | | | | | Α | L | ECTS | | |
| Occupational Safety and Health I | | | | | | | 2 | | |
| Language | German | | | | | | | | |
| Level | Undergraduate | | Postgraduate | | | | | | |
| Department / Program | Department of Mat | erial Science | and Technolo | gy | | | | | |
| Forms of Teaching and Learning | Face to Face | | | | | | | | |
| Course Type | Compulsory | Compulsory X | | | Elective | | | | |
| Objectives | Teaching of basic theoretical information occupational health and safety field, basic legal arrangements on OHS law in Turkey; especially duties, competencies and responsibilities of the naval architects. To inform causes and effects of occupational accidents and illnesses and basic courses about preventive practices and basic legal arrangements in the shipyard industry. | | | | | | onsibilities of d illnesses | | |
| Content | Theoretical framework of occupational health and safety (OHS), national and international standards of the OHS; causes and effects of occupational accidents and illnesses and basic courses about preventive practices, basic legal arrangements on OHS law in Turkey, case studies and civil jurisdictions of Court of Appeals, analysis of the occupational accidents in shipyard industry. | | | | | | es and basic rkey, case | | |
| Prerequisites | None | | | | | | | | |
| Coordinator | or None | | | | | | | | |
| Lecturer(s) Eng. Joachim Kuntze | | | | | | | | | |
| Assistant(s) | None | | | | | | | | |
| Work Placement | | | | | | | | | |
| Recommended or Required R | eading | | | | | | | | |
| Books / Lecture Notes E | llmaz, F., Occupational Health and Safety Textbook" Yelekçi, M., "Worker Health and Safety" sin, A., "Occupational Health and Safety in hipyard Textbook" | | | | | | | | |
| Other Sources Y E | ılmaz, F., Occupational Health and Safety Textbook" elekçi, M., "Worker Health and Safety" sin, A., "Occupational Health and Safety" elebi, U.B., "Occupational Health and Safety in Shipyard Textbook" | | | | | | | | |
| Additional Course Material | | | | | | | | | |
| Documents | | | | | | | | | |
| Assignments | | | | | | | | | |
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| Count | Total Duration | 100 Work Load (Hours) | | | | | | |
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| Count 14 | Duration 2 | Work Load (Hours) | | | | | | |
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| 3 | Students shall adopt risk, prevention, and safety culture | | | | | | | | |
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| 4 | To learn the causes of work-related accidents and the measures to be taken in Ship Building Industry | | | | | | | | |
| 5 | Students shall understand Engineer's responsibility the terms of occupational safety | | | | | | | | |
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| Weekly Conten | t | | | | | | | | |
| 1 | Theoretical framework, definitions and scope of occupational health and safety. Cost of occupational | | | | | | | | |
| 2 | Economical | dimensions of | occupational | accidents and | illnesses, imp | ortance of OH | S for he enter | prises | |
| 3 | • | he risky fields | | | | | | | |
| 4 | psycho-soci | | | | | | _ | | |
| 5 | Components of preventive OHS approach: Risk Assessment and Management, Ergonomic Precautions, Organizing the OHS Activities | | | | | | | | |
| 6 | Components of preventive OHS approach: OHSAS 18001 Management System, Training, Regular Sanitary Control ve Occupational Physician, OHS on employing process | | | | | | | | |
| 7 | National and international standartds and conventions in OHS. The legal arrangements concerned with OHS in Turkey: OHS in Acts | | | | | | | | |
| 8 | Midterm Exam | | | | | | | | |
| 9 | The definitions, scope and juridical results of employer, employee, employer agent, workplace, subcontractor, occupational accident, occupational illness. | | | | | | | | |
| 10 | The regulations and guidelines on OHS: Occupational Health and Safety Regulation. | | | | | | | | |
| 11 | The Regulation on Heavy and Hazardous Work, The Regulation About OHS Training, The Regulation on Workplace Health and Safety Units and Common Health and Safety Units. | | | | | | | | |
| 12 | Responsibilities of employer and employer agent (engineer-OHS expert) about occupational accidents and illnesses; case studies. | | | | | | | | |
| 13 | Analysis of the statistics on occupational accidents and illnesses, the most frequent accidents and illnesses and precautions. | | | | | | | | |
| 14 | Case studies and court decisions of Court of Appeals. | | | | | | | | |
| 15 | | | | | | | | | |
| Contribution of Learning Outcomes to Program Objectives (1-5) | | | | | | | | | |
| | P1 | P2 | Р3 | P4 | P5 | P6 | P7 | P8 | |
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| Contribution Level 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High | | | | | | | | |
| https://obs.tau.edu.tr/oibs/bologna/progLearnOutcomes.aspx?lang=en&curSunit=207 | | | | | | | | |
| Compiled by: | | Res. Asst. Gökçe Evren | | | | | | |
| Date of Compilation: 25.04.2022 | | | | | | | | |