

2020 – 2021 ACADEMIC YEAR SPRING SEMESTER

DEN 4902E / DEN 422E Project II – COURSE DESCRIPTION

Department: Shipbuilding and Ocean Engineering

Course Type: ED Compulsory

Course Prerequisites: DEN 441 MIN DD or DEN 441E MIN DD or DEN 4901 MIN DD and DEN 4901E MIN DD (all the courses in the first 4 semester of the related curriculum must have been successfully completed)

Assessment Criteria: Midterm Studies (including quizzes, project steps and other activities), **80%**; Final Exams (including written and oral questions), **20%**.

Project II - WEEKLY PLAN

DEN 4902E / DEN 422E Project II (Shipbuilding and Ocean Engineering Design II):

Friday; Time: 09:30/12:30 – 14:00/17:00

DATE	LECTURER	SUBJECT
Week 1	Hakan Akyıldız	Stability Calculations (2 nd Gen.)
Week 2	Ömer Kemal Kınacı	Propulsion and Resistance, Power Requirements
Week 3	Ömer Kemal Kınacı	Propulsion and Resistance, Power Requirements
Week 4	Hakan Akyıldız	Dynamics Positioning Design Calculations
Week 5	Kadir Sarıöz	General Plan Development
Week 6	Özgür Üstün	Electric Load Analysis
Week 7	İsmail Hakkı Helvacıoğlu	Production Engineering Design
Week 8	İsmail Hakkı Helvacıoğlu	Production Engineering Design
Week 9	Özgür Özgüç	Fatigue Life Assessment – Structural
Week 10	Özgür Özgüç	Fatigue Life Assessment – Structural
Week 11	Özgür Özgüç	Global and Local Finite Element Structural Analyses
Week 12	Özgür Özgüç	Global and Local Finite Element Structural Analyses
Week 13	Özgür Özgüç	Design of Cathodic Protection of Offshore Structures
Week 14	Lecturers	Final Project Check

Research Assistants:
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