COURSE INFORMATON				
Course Code	**MSN 600**	**Course Title**	**MSc Thesis**	
Semester	*Credits*	*ECTS*	*C +P + L Hour*	Prerequisites
Fall&Spring	0	60	0+0+0	-

Language of Instruction	**Course Level**	**Course Type**
English	Graduate	Core

Course Coordinator	
Instructors	All lecturers
Assistants	
Goals	To learn to do literature research, analyze using scientific methods, report the results and prepare a presentation.
Content	To search the literature for the determined research topic, to analyze using scientific methods, to report the results, to prepare a presentation and to explain the results by making a presentation.
Contribution of the Course to the Professional Education	

Course Learning Outcomes	**Detailed Program Outcomes**	**Teaching Methods**	**Assessment Methods**
Ability to learn to search literature	4b,6c	8	G
Ability to do scientific research and analysis	4b,5b,6c	8	G
To explain the results with the prepared presentation	7c,7d	8	G

Teaching Methods:	1: Lecture by instructor, 2: Lecture by instructor with class discussion, 3: Problem solving by instructor, 4: Use of simulations, 5: Problem solving assignment, 6: Reading assignment, 7: Laboratory work, 8: Term research paper, 9: Presentation by guest speaker,10: Sample Project Review, 11: Interdisciplinary group working,12: …
Assessment Methods:	A: Written exam, B: Multiple-choice examC:Take-home quiz, D: Experimentreport, E: Homework, F: Project, G: Presentation by student,H: …

COURSE CONTENT

Week	Topics	Study Materials
1	Freelance work on thesis	Textbooks, papers
2	Freelance work on thesis	Textbooks, papers
3	Freelance work on thesis	Textbooks, papers
4	Freelance work on thesis	Textbooks, papers
5	Freelance work on thesis	Textbooks, papers
6	Freelance work on thesis	Textbooks, papers
7	Freelance work on thesis	Textbooks, papers
8	Freelance work on thesis	Textbooks, papers
9	Freelance work on thesis	Textbooks, papers
10	Freelance work on thesis	Textbooks, papers
11	Freelance work on thesis	Textbooks, papers
12	Freelance work on thesis	Textbooks, papers
13	Freelance work on thesis	Textbooks, papers
14	Freelance work on thesis	Textbooks, papers

15	Freelance work on thesis	Textbooks, papers

RECOMMENDED SOURCES	
Textbook	Papers
Additional Resources	

MATERIAL SHARING	
Documents	
Assignments	
Exams	

ASSESSMENT		
IN-TERM STUDIES	**NUMBER**	**PERCENTAGE**
Presentation	1	100
Total		
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		
Total		**100**

COURSE CATEGORY	Field Course

COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES		
No	Program Learning Outcomes	check √
1a	Adequate knowledge in mathematics, science and engineering subjects pertaining to the relevant discipline,	
1b	Ability to use theoretical and applied knowledge in these areas in complex engineering problems.	
2a	Ability to identify, formulate, and solve complex engineering problems,	

2b	Ability to select and apply proper analysis and modeling methods for this purpose.	
3a	Ability to design a complex system, process, device or product under realistic constraints and conditions, in such a way as to meet the desired result,	
3b	Ability to apply modern design methods for this purpose.	
4a	Ability to devise, select and use modern techniques and tools needed for analyzing and solving complex problems encountered in engineering practice.	
4b	Ability to employ information technologies effectively.	√
5a	Ability to design experiments for investigating complex engineering problems or discipline specific research questions,	
5b	Ability to conduct experiments, gather data, analyze and interpret results for investigating complex engineering problems or discipline specific research questions.	√
6a	Ability to work efficiently in intra-disciplinary teams,	
6b	Ability to work efficiently in multi-disciplinary teams,	
6c	Ability to work individually.	√
7a	Ability to communicate effectively in Turkish, both orally and in writing,	
7b	Knowledge of a minimum of one foreign language,	
7c	Ability to write effective reports and comprehend written reports, prepare design and production reports,	√
7d	Ability to make effective presentations,	√
7e	Ability to give and receive clear and intelligible instructions.	
8a	Recognition of the need for lifelong learning, ability to access information, ability to follow developments in science and technology,	
8b	Ability to continue to educate him/herself.	
9a	Consciousness to behave according to ethical principles and professional and ethical responsibility.	
9b	Knowledge on standards used in engineering practice.	
10a	Knowledge about business life practices such as project management, risk management, change management.	
10b	Awareness in entrepreneurship and innovation.	
10c	Knowledge about sustainable development.	
11a	Knowledge about the global and social effects of engineering practices on health, environment, and safety,	
11b	Knowledge about contemporary issues of the century reflected into the field of engineering.	
11c	Awareness of the legal consequences of engineering solutions.	

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Presentation	1	1500	1500
Hours for off-the-classroom study (Pre-study, practice)			
Total Work Load			1500
Total Work Load / 25 (h)			25
ECTS Credit of the Course			60

Prepared by: Dr. M. Safa Bodur	Preparation date: 31.01.2021