

**OSTİM TECHNICAL UNIVERSITY
FACULTY OF ENGINEERING**

**COURSE SYLLABUS FORM
2022-2023 FALL**

Offered by:			Offered to: 1st year 1st semester Aerospace Engineering Class
Name of the Department: Engineering			Course Name: FUNDAMENTALS of ENTREPRENEURSHIP
Course Level:			Course Code: EPR 121
Form Submitting/Renewal Date:			Course Status: Compulsory
Language of Instruction: English			Instructor/s: Dr. Mehmet Serdar Tufan
Prerequisite: -			Prerequisite to: -
Weekly Course Hours: 2 hours			Course Coordinator:
Theory	Application	Laboratory	National Credit: 1
0	2	0	ECTS Credit: 2

Course Objective: To become entrepreneurs and project makers, our students receive information such as establishment and management of business, business accounting, business start-up and incentives, R & D and design centre activities, project supports.

Students will use some business and financial simulation programs to gain real-life working experiences without taking actual risk.

Learning Outcomes:

Learning and Teaching Strategies:

Assessment Methods:

Class attendance is a requirement of the course. Only two unexcused absence will be allowed otherwise the student will fail from the course. Attendance will be taken at the beginning of each session.

	If used, check as (X).	Grading (%)
Semester Requirements		
Final Exam	X	60
Midterm Exam	X	30
Active participation to the activities	X	10
TOTAL		100

Assessment Criteria Textbook(s)/References/Materials:
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Course Policies and Rules:

All students are expected to demonstrate honesty in their academic pursuits. Students are expected to respect and uphold the standards of honesty in submitting written work to instructors. Though occurring in many forms, plagiarism involves the presentation of another person's work as if it were the work of the presenter. Any cheating or plagiarism will result in disciplinary action to be determined by the instructor based on the severity and nature of the offense. It is the student's responsibility to review the University and YÖK policies on Academic Honesty.

If you have any special needs or requirements pertaining to this course, please discuss them with the instructor early in the term.

Contact Details for the Instructor:

Contact with the instructor through e-mail and keep in mind the necessary time of checking the e-mail for your urgent situations. The contact address is:

Office Hours:

Course Outline:

Examination dates should be specified in the course content given below. The examination dates can be changed later.

Week	Topics:	Note:
1	Learning the basic concepts What is Entrepreneurship? Types of entrepreneurship Success Stories	
2	Design Thinking-1 Identifying a need and developing innovative ideas for it Definition Research Interpretation	
3	Design Thinking-2 Ideation Prototyping Evaluation	
4	Technology-based entrepreneurship Determination of innovation areas in technology entrepreneurship	
5	Business Model Generation Creating a business idea and modelling it	
6	Start-up Explaining the company establishment stages Team building Feasibility study	

7	Errors made by entrepreneurs Why all they failed? How can I have success?	
8	Mid-term exam	
9	Scale-up How to scale up the company? Why we need to scale up?	
10	Exit When and how much should I sell my company? Business angels, VCs Do I really need exit?	
11	Financial and Business Simulation Experience	
12	Financial and Business Simulation Experience	
13	Team-Building with the other departments Project Idea 1- Aircraft	
14	Project Idea 2- Autonomous vehicles	
15	Project Idea 3-Robotic	
16	Final Exam	