

Course Title	Technology-based Entrepreneurship Course-IIB (TEC-IIB) [MOT Consulting Basic]	
Registration Code	L200090001	
Number of Credits	1	
Years of Eligible Graduate Students	3-5	
Semester	whole year	
Period	out of time schedule	
Room	not decided	
Instructors	Toshiyuki Matsui	
Office hours	Matsui: Tue. 3rd. Room 325, A6 Bldg.	
Contact	t:matsui@21c.osakafu-u.ac.jp	
Goals of the course	Students learn about the concept and process of commercialization and the industrialization for the result of advanced science and technology research, as practical exercises based on some cases. And, the students gain the knowledge of MOT (Tethnical Management) and the related extensive knowledge, as well as the general thinking about the commercialization / the industrializatin of science and technology research, and how to advance scientific research and how to think about research plan, through the lecture.	
Textbooks	Not specified	
Books of reference	Lecturers introduce in a class	
Allied subject		
Homework (Preparing for the classwork)	Before taking a class, students must organize their own ideas against the contents of the lecture stated in the pamphlet. After the class, the students must consider the changes of their own ideas. Additionally, the students must review again the subjects submitted in the class.	
Course outline	<p>We have lectures and seminars by inviting the personnel from consulting companies, under the following subjects:</p> <ul style="list-style-type: none"> - MOT and technical consultant - Developed products and functions - Ideas for making products to sell - Thinking of hearing to customers - Challenge to R & D - Commercialization of research and development results - Thinking about usage and function - Concept design of products - Combination of design and function - Time schedule for commercialization 	
Class schedule	1st	<ol style="list-style-type: none"> 1. Thinking and introducing of MOT 2. What is consultant? 3. MOT and technology 4. MBA and MOT 5. Case study (Shape and technology of Can) 6. Practice: What is the new product you developed?
	2nd	<ol style="list-style-type: none"> 1. Case study: Film inspection equipment 2. Why we focus on functions? 3. Case study: Usage and function of screw
	3rd	<ol style="list-style-type: none"> 1. Case of screw: personal practice 2. Case of screw: group practice 3. Group presentation: lecturer's commentary 4. Concept of making products to sell

4th	<ol style="list-style-type: none"> 1. Case study: members' effort 2. Group presentation 3. Lecturer's commentary 4. Thinking of hearing to customers
5th	<ol style="list-style-type: none"> 1. Confirmation of case 2. Presentation and Q&A 3. Why screws loose and break?
6th	<ol style="list-style-type: none"> 1. Challenge to R & D: overview 2. Challenge to R & D: group presentation 3. Team play is not so easy as to say. 4. Commercialization of research and development results 5. For next class
7th	<ol style="list-style-type: none"> 1. Practices to establish know-how 2. Focus on new use x existing function (case study) 3. Focus on new use x existing function (lecturer's commentary)
8th	<ol style="list-style-type: none"> 1. Case study (overall description) 2. Case study (proposing assignment) 3. Case study (discussion and presentation) 4. Lecturer's commentary
Evaluation	Evaluate comprehensively by the contents of assignment in class and report
Remarks	Curriculum for the students enrolled in 2017 and after