

Course	Business and Engineering
Course No.	02RB010
Credits	2.0Credits
Grade	1 - 3Year
Timetable	FallAB Fri3,4
Instructor	Yoshihiro Hamakawa
Course Overview	The goal of this program is to bring up global talented persons who have high research capability and fundamental competencies for working persons. So, in this class, (1) students will learn process and management to industrialize research outputs, (2) students have opportunities to think about how they design their careers as an engineer through exchanging opinions with some engineers of companies and startups.
Remarks	Only students of the PhD program in Empowerment Informatics are allowed to register. Most lectures in English, some in Japanese. Classroom: EMP studio
Course Type	lectures
Course Remarks	In the latter half, students will visit to some companies. There is a possibility that the company visit date and time may not be Friday 3, 4. Most lectures in English, some in Japanese.
Relationship to EMP Educational Objectives	Frontline ability:Leadership and Entrepreneurship
Course Objectives	<ul style="list-style-type: none"> • To understand process and management to industrialize research outputs. • To understand what is an ideal engineer for companies or startups. • To design their own future careers as an engineer.
Course Schedule	1)In the first half, students will learn process and management to industrialize research outputs through lectures and case studies. 2)In the latter half, (1)students will exchange opinions with some entrepreneurs, (2) students will visit companies to exchange opinions with their engineers.
Graduating Methods and Criteria	Term paper
Homework	
Textbook	
References	
Office Hour	hamakawa at emp.tsukuba.ac.jp
Messages for Students	
Teaching Fellow / Teaching Assistant	
Keywords	Corporation, Entrepreneur, Engineer