

Academic Year	2018Year	Faculty/Graduate School	Graduate School of Engineering (Master course)		
Lecture Code	U0640101	Subject	Specialized Education		
Subject Name	技術移転論				
Subject Name (Katakana)	ギジュツイテンロン				
Subject Name in English	Technology Transfer				
Instructor	ITO TAKAO				
Instructor (Katakana)	イトウ タカオ				
Instructor's Office	C1-212	Extension Number	5594		
E-mail Address	itotakao@hiroshima-u.ac.jp				
Campus	Higashi-Hiroshima	Semester/Term	1st-Year, First Semester, 2Term		
Days, Periods, and Classrooms	(2T) Mon1-2,Thur1-2 : ENG 103				
Lesson Style	Lecture	Lesson Style (More Details)	Lecture, Group discussion, and Student ' s presentation		
Credits	2	Class Hours/Week	4	Language of Instruction	J : Japanese
Eligible Students					
Course Level	6 : Graduate Advanced				
Course Area(Area)	21 : Fundamental Competencies for Working Persons				
Course Area(Discipline)	03 : Career Education				
Keywords	foreign direct investment, managerial resources, patent, entrepreneurship, localization				
Special Subject for Teacher Education		Special Subject			
Class Status within Educational Program					
Criterion referenced Evaluation					
Class Objectives/Class Outline	<p>Objectives: This course presents the principles of technology transfer, emphasizing successful determinants of technology transfer using case methods of the shipbuilding and printing industry.</p> <p>Outline: Topics covered include foreign direct investment, managerial resources, patent, entrepreneurship, localization, case studies of shipbuilding, construction equipment, and printing firms.</p>				
Class Schedule	<p>lesson1 Outlines and Introduction  lesson2 Technology Development of the AIoT in Sharp  lesson3 European Research and Development: An Efficient and Rational R&amp;D Process  lesson4 Case Study: Satake  lesson5 Technology Transfer and Cases Studies  lesson6 Japanese Printing Firms in Indonesia  lesson7 Open Innovation and Organization  lesson8 Case Study: Suntory in Shanghai  lesson9 Technology and Intelligent Property in Technology Transfer  lesson10 Technology Transfer and Innovation: Rorze  lesson11 Japanese Firms in Mexico  lesson12 Technology Transfer and Innovation: Hitachi  lesson13 Technology Transfer: Shipbuilding  lesson14 Technology Transfer and Innovation: Calbee  lesson15 Summary</p> <p>Reports and exercises associated with foreign direct investment, managerial resources, patent, entrepreneurship, localization, case studies of shipbuilding, construction equipment, and printing firms are required.</p>				
Text/Reference Books, etc.	<p>1) Kiyoshi Tanba, (2006) Theory of management of technology, University of Tokyo Press (Japanese Edition)  2) Janet Morrison (2002) The Global Business Environment, Third Edition, Palgrave Macmillan  3) Arnulf Grubler (1998) Technology and Global Change, Cambridge University Press</p>				
PC or AV used in Class, etc.	Computer and projector				
Suggestions on Preparation and Review	Do preparations and reviews for all classes. Learn how to explain foreign direct investment, managerial resources, patent, entrepreneurship, and localization strategy.				
Requirements	No marks are subtracted if you say something " wrong ". This helps other students clarify their misconceptions. If you have something to say, no matter how silly, raise your hand. Class participation is crucial because it helps				

Requirements	you build self confidence. Probability statistics and mathematics of differential and integral will be helpful to understand the basic issues.
Grading Method	Learning attitudes25%+ Individual and/or group discussion30%+ Final presentation and/or final report45%
Message	First and most important thing is that the graduate students of science and technology should have their own high professional skills and technologies. This course provides all students a new perspective of technology transfer based upon MOT and Venture Business (MOT-1). In this course, you will learn many successful stories, marketing science and customer service related with technology transfer. I will strongly recommend you because this is one of the useful courses for all graduate students. In addition, etiquette for lecturers, particularly the part-time lecturers is required.
Other	The VBL office is in charge of all courses of Management of Technology (MOT).
<p>Please fill in the class improvement questionnaire which is carried out on all classes.  Instructors will reflect on your feedback and utilize the information for improving their teaching.</p>	