

**SEMESTER LEARNING PLAN (RPS)**

**INDUSTRIAL ECONOMICS**




**Lecturer:**

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**ECONOMIC EDUCATION STUDY PROGRAM  
FACULTY OF ECONOMICS AND BUSINESS EDUCATION  
UNIVERSITAS PENDIDIKAN INDONESIA  
2020**

	<b>SEMESTER LEARNING PLAN</b>	Doc. number :
	<b>INDUSTRIAL ECONOMICS</b>	Revision :
		Date :
		Page :
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<b>LECTURE</b>	<b>STUDY PROGRAM' TEAM CURRICULUM</b>	<b>HEAD OF THE STUDY PROGRAM</b>
<b>SEMESTER LEARNING PLAN</b>		
<b>1. Course Identity</b>  Study Program : Economic Education Course : Industry Economics Course Code : PE 27 Course Group : Study Program-Based Elective Professional Courses Course Credit : 3 Program Degree : Undergraduate Semester : 7 Prerequisite : Introductory Microeconomics, Microeconomics Status (Compulsory/ Elective) : Elective Lecturer Name and Code : Dr. Amir Machmud, M.Si. (2691) Dr. Navik Istikomah, M.Si. (2310)		

## **2. Course Description**

Industrial Economics is an elective course examining the application of microeconomics and macroeconomics to industrial economic problems. This course discusses the basic concepts and conditions of competition, the relationship between industrial structure and performance, as well as the relationship between industrial behavior and performance using the Structure-Conduct-Performance methodology. Using cooperative learning and problem-based learning models, students are expected to have insight and skills in identifying, explaining, analyzing, and discussing industrial-economic problems based on observations of secondary and primary data and information. The assessment of learning outcomes is carried out twice, which are in the middle of the semester and at the end of the semester, using written test techniques and essay test instruments on industrial-economic problems.

## **3. Referred Study Program Learning Achievement**

- S1 Demonstrate scientific, educative, and religious attitudes and behaviors that contribute to improving the quality of life in society, nation and state based on academic norms and ethics Internalize scientific, educative, and religious attitudes and behaviors, which contribute to improving the quality of life in society, nation and state in the education economy.
- P2 Mastering economic theoretical concepts that support economic learning.
- KU2 Able to apply logical, critical, systematic, and innovative thinking in the context of the development or implementation of science and technology that pays attention to and applies humanities values in accordance with the field of expertise Economic education.
- KK3 Able to design and carry out research to produce alternative solutions to problems in the field of economic education and publish the results.

## **4. Course Learning Achievement**

- S1.1 Demonstrate scientific, educative, and religious attitudes and behaviors that contribute to improving the quality of life in society, nation and state based on academic norms and ethics Internalize scientific, educative, and religious attitudes and behaviors, which contribute to improving the quality of life in society, nation and state in the education economy.
- P2.1 Explaining different approaches in industrial economics.
- P2.2 Explaining and analyzing market power and its impact on prosperity in the market.

P2.3	Explain and analyze the determinants of market structure.
P2.4	Explain and analyze about the dominant company.
P2.5	Explaining and analyzing the oligopoly market and its measurement.
P2.6	Explain and analyze the monopolistic competition market.
P2.7	Explain and analyze collusion and cartel.
P2.8	Explain and analyze about price discrimination.
P2.9	Explain and analyze about predator prices explaining and analyzing Mergers and Acquisitions (M&A).
P2.10	Explain and analyze about Vertical Integration.
P2.11	Explain and analyze about Innovation and competition.
P2.12	Reviewing and Latest Case Applications.
KU2.1	Able to make appropriate decisions in the context of problem solving in the economic values of Education and economic aspects of educational institutions, based on the results of information analysis.
KK3.1	Able to design and carry out research to produce alternative solutions to problems in the field of economic education and publish the results.

## 5. Learning Plan Description

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
1	S1.1; KU2.1 Lecture Orientation	1. Lecture Description 2. Semester Learning Plan (SLP) 3. Lecture rules 4. Educational etiquette	Synchronous Students and lecturers carry out face-to-face / virtual face-to-face to explore lecture descriptions, lesson plans, lecture rules, and lecture ethics.	3 x 50 menit	-	-
2	P2, KK3 1. SCP Approach (Harvard)	Various Approaches in Industrial Economics	Synchronous • Virtual face-to-face via Zoom meeting	3 x 50 minutes	Summarize the material for this meeting	2

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
	2. Chicago Approach 3. New Industrial Economic Approach (NIEA)		<ul style="list-style-type: none"> <li>Analyze and discuss about the various approaches in industrial economics</li> </ul>		Give assignments from the Assignment 1 Student Worksheet and collect them in the <a href="http://www.spot.upi.edu">www.spot.upi.edu</a> or <a href="https://www.google.com/classroom">google.classroom</a>	
3	<b>P2, KK3</b> 1. The concept and definition of market power 2. Lerner Index Measurement The impact of market power on welfare	Market Power and Its Impact on Prosperity in the Market	<b>Synchronous</b> <ul style="list-style-type: none"> <li>Virtual face-to-face via Zoom meeting</li> <li>Analyze and discuss about market power and its impact on prosperity in the market</li> </ul>	3 x 50 minutes	Give assignments from the Assignment 2 Student Worksheet and submit them to the <a href="http://www.spot.upi.edu">www.spot.upi.edu</a> or <a href="https://www.google.com/classroom">google.classroom</a>	2
4	<b>P2, KK3</b> 1. The relationship between market structure and market power 2. The relationship between market power and entry barriers 3. Types of barriers to entry	Market Structure Determinants	<b>Asynchronous</b> Self study on the learning video uploaded at SPOT UPI	3 x 50 minutes	Give assignments from the Assignment 3 Student Worksheet and submit them to the <a href="http://www.spot.upi.edu">www.spot.upi.edu</a> or <a href="https://www.google.com/classroom">google.classroom</a>	2
5	<b>P2, KK3:</b> 1. Definition of dominant company and fringe company 2. Determination of the equilibrium	Dominant company	<b>Synchronous</b> <ul style="list-style-type: none"> <li>Virtual face-to-face via Zoom meeting</li> <li>Analyze and discuss about the dominant company</li> <li>Practicing graphical and mathematical determination</li> </ul>	3 x 50 minutes	Give assignments from the Assignment 4 Student Worksheet and submit them to the <a href="http://www.spot.upi.edu">www.spot.upi.edu</a> or <a href="https://www.google.com/classroom">google.classroom</a>	2

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
	price 3. Dominant company strategy: - Limit Prices - Blocked Entries		of equilibrium prices • Discuss together the exercises from the Student Worksheet  Asynchronous • Self study on learning videos and PPT uploaded on spot.upi.edu • Self study on suggested references Providing follow-up activities (tasks)			
6	P2, KK3 1. Several theories of oligopoly: - Quantity Setting (Cournot) - Price Setting (Bertrand) - Stackelberg 2. Measurement of market concentration: - Concentration Ratio (CRn) - Hirschmann-Herfindahl Index (HHI)	Oligopoly and measurements	Synchronous • Virtual face-to-face via Zoom meeting • Analyze and discuss about the dominant company • Practicing graphical and mathematical determinations related to concentration measurement • Discuss together the exercises from the Student Worksheet  Asynchronous • Self study on learning videos and PPT uploaded on spot.upi.edu • Self study on suggested references Providing follow-up activities (tasks)	3 x 50 minutes	Give assignments from the Assignment 5 Student Worksheet and submit them to the www.spot.upi.edu or google.classroom	2

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
7	P2, KK3 1. Pricing in a monopolistically competitive market 2. Pricing and product differentiation: a. Hotelling model b. Salop model	Monopolistic competitive market	Synchronous <ul style="list-style-type: none"> <li>Virtual face-to-face via Zoom meeting</li> <li>Analyzing and discussing monopolistic companies</li> <li>Practicing graphical and mathematical determinations related to monopolistic competition</li> <li>Discuss together the exercises from the Student Worksheet</li> </ul> Asynchronous <ul style="list-style-type: none"> <li>Self study on learning videos and PPT uploaded on spot.upi.edu</li> <li>Self study on suggested references Providing follow-up activities (tasks)</li> </ul>	3 x 50 minutes	Give assignments from the Assignment 6 Student Worksheet and submit them to the www.spot.upi.edu or google.classroom	2
8	<b>MIDTERM EXAMS</b>					
9	P2, KK3 1. The concept and definition of collusion and cartel 2. Determinants of the formation of collusion	Collusion and cartel	Asynchronous Self study on learning videos uploaded at spot.upi.edu regarding collusion and cartels	3 x 50 minutes	Give assignments from the Assignment 7 Student Worksheet and submit them to the www.spot.upi.edu or google.classroom	2
10	P2, KK3 1. Rationality of price discrimination	Price discrimination	Asynchronous	3 x 50 minutes	Give assignments from the Assignment 8 Student Worksheet and	2

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
	2. Types of price discrimination		Self study on learning videos uploaded at spot.upi.edu regarding price discrimination		submit them to the www.spot.upi.edu or google.classroom	
11	P2, KK3 1. Predatory pricing concept 2. Predatory pricing models: a. deep pocket b. Chain store c. Signaling	Predatory pricing	Asynchronous Self study on learning videos uploaded at spot.upi.edu regarding Predatory pricing	3 x 50 minutes	Give assignments from the Assignment 9 Student Worksheet and submit them to the www.spot.upi.edu or google.classroom	2
12	P2, KK3 1. Motivated M&A Merger's Paradox 2. Types of M&A: a. Horizontal b. Vertical c. Conglomerate	Mergers and Acquisitions (M&A)	Asynchronous Self study on learning videos uploaded at spot.upi.edu regarding Mergers and Acquisitions (M&A)	3 x 50 minutes	Give assignments from the Assignment 10 Student Worksheet and submit them to the www.spot.upi.edu or google.classroom	2
13	P2, KK3 1. The concept of vertical integration 2. Vertical integration motivation: buy vs make Impact of vertical integration: a. Double marginalization b. Foreclosure c. Etc	Vertical integration	Asynchronous Self study on learning videos uploaded at spot.upi.edu regarding vertical integration	3 x 50 minutes	Give assignments from the Assignment 11 Student Worksheet and submit them to the www.spot.upi.edu or google.classroom	2



Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
14	P2, KK3 1. Schumpeter's theory of innovation 2. Arrow's argument	Innovation and competition	Synchronous <ul style="list-style-type: none"> <li>Virtual face-to-face via Zoom meeting</li> <li>Analyze and discuss about Innovation and competition,</li> <li>Discuss together the exercises from the Student Worksheet</li> </ul> Asynchronous <ul style="list-style-type: none"> <li>Self study on learning videos uploaded at spot.upi.edu</li> <li>Self study on suggested references Providing follow-up activities (tasks)</li> </ul>	3 x 50 minutes	-	2
15	P2, KK3 Analyzing the actual issues related to the Industrial Economics	Reviews and Applications Recent cases	Synchronous · <ul style="list-style-type: none"> <li>Virtual face-to-face via Zoom meeting</li> <li>Analyzing and discussing industrial economic issues</li> <li>Practicing journal writing for publication ·</li> <li>Discuss together the exercises from the Student Worksheet</li> </ul> Asynchronous <ul style="list-style-type: none"> <li>Self study on learning videos and PPT uploaded on spot.upi.edu</li> </ul>	3 x 50 minutes	-	International Journal

Week	Course Learning Achievement	Learning Materials	Teaching/Learning Activities	Duration	Assessment	Reference
			<ul style="list-style-type: none"> <li>Self study on suggested references providing follow-up activities (tasks)</li> </ul>			
16	<b>FINAL EXAMS</b>					

## 6. Reference

1. Carlton, D.W and Perloff, J.M., Modern Industrial Organization, 4th Edition, Pearson Addison Wesley, 2005
2. Martin, Stephen, Industrial Economic, Macmillan International. New York, 1994
3. Scherer, F.M. and Ross, Industrial Market Structure and Economic Performance, Houghton and Mifflin, 1995
4. James V. Koch, Industrial Organization and Prices, Prentice-Hall, Inc, London, 2nd Edition, 1980.
5. Tirole, J, The Theory of Industrial Organization, MIT Press, Cambridge, MA, 1989