



**Universitas Negeri Surabaya
Faculty of Economics and Business,
Doctoral Management Study Program**

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date																																											
TECHNOLOGY AND INNOVATION MANAGEMENT	6100103005		T=3 P=0 ECTS=7.56	1	July 19, 2024																																											
AUTHORIZATION	SP Developer		Course Cluster Coordinator		Study Program Coordinator																																											
		Prof. Dr. Dewie Tri Wijayati Wardoyo, M.Si.																																											
Learning model	Project Based Learning																																															
Program Learning Outcomes (PLO)	PLO study program that is charged to the course																																															
	Program Objectives (PO)																																															
	PLO-PO Matrix																																															
		P.O																																														
	PO Matrix at the end of each learning stage (Sub-PO)																																															
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 20%; text-align: center;">P.O</td> <td colspan="16" style="text-align: center;">Week</td> </tr> <tr> <td style="width: 5%;">1</td> <td style="width: 5%;">2</td> <td style="width: 5%;">3</td> <td style="width: 5%;">4</td> <td style="width: 5%;">5</td> <td style="width: 5%;">6</td> <td style="width: 5%;">7</td> <td style="width: 5%;">8</td> <td style="width: 5%;">9</td> <td style="width: 5%;">10</td> <td style="width: 5%;">11</td> <td style="width: 5%;">12</td> <td style="width: 5%;">13</td> <td style="width: 5%;">14</td> <td style="width: 5%;">15</td> <td style="width: 5%;">16</td> </tr> </table>														P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P.O	Week																																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																																
Short Course Description	This course focuses on innovation and technology management in organizations. This course examines theory and research on innovation as a result (product, service, technology, practice) and the process of developing and implementing innovation in organizations																																															
References	Main :																																															
	<ol style="list-style-type: none"> 1. Durand, T. (2004). The Strategic Management of Technology and Innovation. In Bringing Technology and Innovation into the Boardroom (pp. 47–75). Palgrave Macmillan UK. https://doi.org/10.1057/9780230512771_3 2. Eisenhardt, K. M., & Martin, J. A. (2000). Dynamic capabilities: What are they? Strategic Management Journal, 21(10–11), 1105–1121. <a href="https://doi.org/10.1002/1097-0266(200010/11)21:10<1105::AID-SMJ133>3.0.CO;2-E">https://doi.org/10.1002/1097-0266(200010/11)21:10<1105::AID-SMJ133>3.0.CO;2-E 3. Elia, G., Margherita, A., Massaro, A., & Vacca, A. (2022). Adoption of open innovation in the COVID-19 emergency: developing a process-based information coordination system. Business Process Management Journal, 28(2), 419–441. https://doi.org/10.1108/BPMJ-11-2020-0507 4. 2Gupta, M. (2018). The innovation process from an idea to a final product: a review of the literature. International Journal of Comparative Management, 1(4), 400. https://doi.org/10.1504/ijcm.2018.10017885 5. Tohidi, H., & Jabbari, M. M. (2012). Different Stages of Innovation Process. Procedia Technology, 1, 574–578. https://doi.org/10.1016/j.protcy.2012.02.125 6. Camisón, C., & Villar-López, A. (2014). Organizational innovation as an enabler of technological innovation capabilities and firm performance. Journal of Business Research, 67(1), 2891–2902. https://doi.org/10.1016/j.jbusres.2012.06.004 7. Cho, H. J., & Pucik, V. (2005). Relationship between innovativeness, quality, growth, profitability, and market value. Strategic Management Journal, 26(6), 555–575. https://doi.org/10.1002/smj.461 8. Yuan, F., & Woodman, R. W. (n.d.). INNOVATIVE BEHAVIOR IN THE WORKPLACE: THE ROLE OF PERFORMANCE AND IMAGE OUTCOME EXPECTATIONS. 9. Chiva, R., Ghauri, P., & Alegre, J. (2014). Organizational Learning, Innovation and Internationalization: A Complex System Model. British Journal of Management, 25(4), 687–705. https://doi.org/10.1111/1467-8551.12026 10. Tang, M., & Werner, C. H. (2017). Handbook of the Management of Creativity and Innovation. In Handbook of the Management of Creativity and Innovation. WORLD SCIENTIFIC. https://doi.org/10.1142/10086 																																															
	Supporters:																																															
Supporting lecturer	Prof. Dr. Sri Setyo Iriani, S.E., M.Si. Prof. Dr. Susanti, S.Pd., M.Si. Dr. Yessy Artanti, S.E., M.Si.																																															
Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)																																									
		Indicator	Criteria & Form	Offline (offline)	Online (online)																																											
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)																																									

1	<ul style="list-style-type: none"> • What is innovation and how does it differ from related concepts such as creativity, invention, technology and change? 	Review Questions	Criteria: Review Questions Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment	Innovation and Capability in Organizations	Innovation and Capability in Organizations	Material: 1. Durand, T. (2004). The Strategic Management of Technology and Innovation. In Bringing Technology and Innovation into the Boardroom (pp. 47–75). Palgrave Macmillan UK. https://doi.org/10.1057/9780230512771_3 References: Material: 2. Eisenhardt, KM, & Martin, JA (2000). Dynamic capabilities: What are they? Strategic Management Journal, 21(10–11), 1105–1121. <a href="https://doi.org/10.1002/1097-0266(200010/11)21:10/11<1105::AID-SMJ133>3.0.CO;2-E">https://doi.org/10.1002/1097-0266(200010/11)21:10/11<1105::AID-SMJ133>3.0.CO;2-E References:	5%
2	<ul style="list-style-type: none"> • How does an innovation develop over time from an idea to a successful outcome? 	Review Questions	Criteria: Review Questions Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment	Innovation Process	Innovation Process	Material: 1. Elia, G., Margherita, A., Massaro, A., & Vacca, A. (2022). Adoption of open innovation in the COVID-19 emergency: developing a process-based information coordination system. Business Process Management Journal, 28(2), 419–441. https://doi.org/10.1108/BPMJ-11-2020-0507 References: Material: 2. Gupta, M. (2018). The innovation process from an idea to a final product: a review of the literature. International Journal of Comparative Management, 1(4), 400. https://doi.org/10.1504/ijcm.2018.10017885 References: Material: 3. Tohidi, H., & Jabbari, MM (2012). Different Stages of Innovation Process. Procedia Technology, 1, 574–578. https://doi.org/10.1016/j.protcy.2012.02.125 References:	5%
3			Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment	Innovation and Performance	Innovation and Performance	Material: 1. Camisón, C., & Villar-López, A. (2014). Organizational innovation as an enabler of technological innovation capabilities and firm performance. Journal of Business Research, 67(1), 2891–2902. https://doi.org/10.1016/j.jbusres.2012.06.004 References: Material: 2. Cho, HJ, & Pucik, V. (2005). Relationship between innovativeness, quality, growth, profitability, and market value. Strategic Management Journal, 26(6), 555–575. https://doi.org/10.1002/smj.461 References:	50%
4	<ul style="list-style-type: none"> • What are the types of innovation and how do they differ? How can each type of innovation contribute to organizational behavior and outcomes? 	Participation and Discussion	Criteria: Review Questions Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance	Innovation, Creativity, Organizational Learning	Innovation, Creativity, Organizational Learning	Material: 1. Yuan, F., & Woodman, RW (nd). INNOVATIVE BEHAVIOR IN THE WORKPLACE: THE ROLE OF PERFORMANCE AND IMAGE OUTCOME EXPECTATIONS. References: Material: 2. Chiva, R., Ghauri, P., & Alegre, J. (2014). Organizational Learning, Innovation and Internationalization: A Complex System Model. British Journal of Management, 25(4), 687–705. https://doi.org/10.1111/1467-8551.12026 References: Material: 3. Tang, M., & Werner, CH (2017). Handbook of the Management of Creativity and Innovation. In Handbook of the Management of Creativity and Innovation. WORLD SCIENTIFIC. https://doi.org/10.1142/10086 References:	5%

5		Participation and Discussion	Form of Assessment : Participatory Activities	Innovation in Marketing	Innovation in Marketing	<p>Material: 1. Fidel, P., Cervera, A., & Schlesinger, W. (2016). Customer's role in knowledge management and in the innovation process: Effects on innovation capacity and marketing results. <i>Knowledge Management Research and Practice</i>, 14(2), 195–203. https://doi.org/10.1057/kmp.2015.19</p> <p>References:</p> <p>Material: 2. Yodchai, N., Ly, PTM, & Tran, LTT (2022). How the creative mindset influences entrepreneurial success in the tourism sector: the mediating role of innovation capability. <i>International Journal of Contemporary Hospitality Management</i>, 34(1), 279–298. https://doi.org/10.1108/IJCHM-06-2021-0695</p> <p>References:</p> <p>Material: 3. Zastempowski, M., & Cyfert, S. (2023). A new angle on SMEs' competitiveness. How do agility capabilities affect a firm's competitive position? <i>Journal of Organizational Change Management</i>, 36(4), 635–662. https://doi.org/10.1108/JOCM-09-2022-0255</p> <p>References:</p>	0%
6	• Why are some organizations more successful in developing or implementing innovations than others? What are the characteristics of innovative organizations?	Participation and Discussion	Form of Assessment : Participatory Activities	Innovation in Finance	Innovation in Finance	<p>Material: 1. Kijkasiwat, P., & Phuensane, P. (2020). Innovation and Firm Performance: The Moderating and Mediating Roles of Firm Size and Small and Medium Enterprise Finance. <i>Journal of Risk and Financial Management</i>, 13(5). https://doi.org/10.3390/jrfm13050097</p> <p>References:</p> <p>Material: 2. Huo, Mengjun., & Li, Chao. (2022). Impact of managerial power on enterprise innovation performance: the mediating roles of financing constraints and strategic orientation. <i>Chinese Management Studies</i>, 26(6), 555–575. https://doi.org/10.1002/smj.461</p> <p>References:</p>	5%
7		Participation and Discussion	Form of Assessment : Participatory Activities	Innovation in HRM	Innovation in HRM	<p>Materials: 1. Krašnicka, T., Glód, W., & Wronka-Pospiech, M. (2018). Management innovation, pro-innovation organizational culture and enterprise performance: testing the mediation effect. <i>Review of Managerial Science</i>, 12(3), 737–769. https://doi.org/10.1007/s11846-017-0229-0</p> <p>References:</p> <p>Materials: 2. Zaitseva, N., Dzhandzhugazova, E., Bondarchuk, N., & Zhukova, M. (2017). Modern "challenges" in the system of personnel training: standardization and innovations. <i>International Journal of Educational Management</i>, 31(4), 497–504. https://doi.org/10.1108/IJEM-02-2016-0036</p> <p>References:</p>	0%
8	Midterm exam						0%
9							0%
10							0%
11							0%
12							0%
13							0%
14							0%
15							0%
16							0%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	36.67%
2.	Project Results Assessment / Product Assessment	31.67%
3.	Practice / Performance	1.67%
		70.01%

Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.