



**Universitas Negeri Surabaya  
Vocational Faculty,  
D4 Civil Engineering Study Program**

Document Code

**SEMESTER LEARNING PLAN**

<b>Courses</b>	<b>CODE</b>	<b>Course Family</b>	<b>Credit Weight</b>	<b>SEMESTER</b>	<b>Compilation Date</b>																																																
RISK MANAGEMENT	2230502042		T=2   P=0   ECTS=3.18	5	July 17, 2024																																																
<b>AUTHORIZATION</b>	<b>SP Developer</b>		<b>Course Cluster Coordinator</b>		<b>Study Program Coordinator</b>																																																
	.....		.....		Puguh Novi Prasetyono, S.Pd., M.T.																																																
<b>Learning model</b>	Case Studies																																																				
<b>Program Learning Outcomes (PLO)</b>	PLO study program which is charged to the course																																																				
	Program Objectives (PO)																																																				
	PLO-PO Matrix																																																				
		<table border="1" style="margin: auto;"> <tr> <td style="width: 10%;">P.O</td> <td colspan="15"></td> </tr> </table>					P.O																																														
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	<table border="1" style="margin: auto;"> <tr> <td colspan="16" style="text-align: center;">PO Matrix at the end of each learning stage (Sub-PO)</td> </tr> <tr> <td rowspan="2" style="width: 10%;">P.O</td> <td colspan="15" 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>					PO Matrix at the end of each learning stage (Sub-PO)																P.O	Week															1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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<b>Short Course Description</b>	This course provides an overview of risk as part of human life, companies and society. Risk management includes identifying existing risks, measuring the severity of the risks, and handling them with a certain approach/strategy. Next, regarding insurance, especially loss insurance and finally the company's functional risks. The learning methods used are presentations, discussions and assignments, while the learning model uses contextual teaching learning (CTL) followed by reflection.																																																				
<b>References</b>	<b>Main :</b>																																																				
	<ol style="list-style-type: none"> <li>1. Hanafi, Mamduh M., 2014, Manajemen Risiko Edisi Kedua. UPP STIM YKPN</li> <li>2. Fahmi Irham. 2011. Manajemen Risiko : Teori, Kasus dan Solusi . Bandung: Penerbit Alfabeta Dua.</li> <li>3. Husein Umar. 2004. Manajemen Risiko Bisnis . Jakarta: Gramedia.</li> <li>4. Herman, Robert I and BA Hedges, "Risk Management Concept and Applications", Richard Irwin Hamewood.</li> <li>5. Soeisni, Djojosoedarso. 2003. Prinsip-prinsip Manajemen Risiko . Jakarta: Penerbit Salemba Empat.</li> </ol>																																																				
	<b>Supporters:</b>																																																				
<b>Supporting lecturer</b>	Drs. Hasan Dani, M.T. Puguh Novi Prasetyono, S.Pd., M.T. Siti Talitha Rachma, S.T., M.Sc.																																																				
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	Formulate a general picture of risks within the company	1. Able to describe the concept of risk 2. Able to describe the characteristics of risk 3. Able to describe the types of risk		Lectures and discussions in class 3			0%																																														

2	Describe the process and components of risk management	1. Able to explain the concept of risk management 2. Able to explain the risk management process 3. Able to formulate the parties involved in handling risk in the company		Lectures and class discussions 3 X 50			0%
3	Describe the process and methods of identification and compile a risk register	1. Describe the risk identification process 2. Compile a risk register 3. Be able to create a risk register		Lectures and class discussions 3 X 50			0%
4	Describe the objectives and methods of risk measurement	1. Able to describe the purpose of risk measurement 2. Able to explain the use of statistical concepts (probability) to measure risk 3. Able to carry out risk measurements		Lectures and class discussions 3 X 50			0%
5	Analyzing operational risks: HR function risks	1. Describe operational risks 2. Be able to explain sources of HR risk 3. Be able to measure the risk of work accidents		Lectures and class discussions 3 X 50			0%
6	Analyzing operational risks to design decision making: operations/production function risks	1. Able to explain sources of production/operation risk 2. Able to measure production risk 3. Able to formulate prevention and handling of production/operation risk		Lectures and discussions, and practice questions on measuring 3 X 50 production risks			0%
7	Analyze marketing function risks to design decision making	1. Able to explain the sources of marketing risk 2. Able to measure marketing risk 3. Able to describe marketing risk management programs 4. Able to apply the portfolio concept in marketing decisions		Lectures and discussions, and practice questions on 3 X 50 marketing risk measurement			0%
8	UTS			3 X 50			0%
9	Describe and analyze environmental risks	1. Able to explain sources of environmental risk 2. Able to describe environmental risk management programs		Lectures, class discussions, and practice questions on the 3 X 50 case			0%
10	Analyze market risks to design decision making	1. Able to understand the concept of value at risk (VAR) 2. Able to calculate and analyze VAR using historical methods 3. Able to calculate and analyze VAR using analytical methods 4. Able to calculate and analyze VAR using the Monte Carlo method		Lectures and discussions, and practice questions on calculating VAR using historical, analytical methods and Monte Carlo 3 X 50 simulations			0%
11	Analyze market risks to design decision making	1. Able to understand the concept of value at risk (VAR) 2. Able to calculate and analyze VAR using historical methods 3. Able to calculate and analyze VAR using analytical methods 4. Able to calculate and analyze VAR using the Monte Carlo method		Lectures and discussions, and practice questions on calculating VAR using historical, analytical methods and Monte Carlo 3 X 50 simulations			0%

12	Analyze credit risk to design decision making	1. Able to understand the concept of credit risk and its sources 2. Able to describe qualitative assessments in measuring credit risk 3. Able to analyze credit risk using the company rating method. 4. Able to analyze credit risk using the credit scoring method using the Zaltman model and linear model. 5. Able to analyze credit risk using the RAROC method. 6. Able to analyze credit risk using term structure and credit matrix methods.		Lectures and discussions, and practice questions on the use of qualitative methods, scoring, rating, RAROC, changes in term structure, and credit matrix in credit risk analysis 3 X 50			0%
13	Analyze credit risk to design decision making	1. Able to understand the concept of credit risk and its sources 2. Able to describe qualitative assessments in measuring credit risk 3. Able to analyze credit risk using the company rating method. 4. Able to analyze credit risk using the credit scoring method using the Zaltman model and linear model. 5. Able to analyze credit risk using the RAROC method. 6. Able to analyze credit risk using term structure and credit matrix methods.		Lectures and discussions, and practice questions on the use of qualitative methods, scoring, rating, RAROC, changes in term structure, and credit matrix in credit risk analysis 3 X 50			0%
14	Formulate and analyze risk prevention and control	1. Able to formulate risk avoidance techniques 2. Able to formulate risk retention techniques 3. Able to formulate risk transfer techniques 4. Able to formulate alternative risk prevention and control decisions		Lectures, class discussions, and practice questions on the 3 X 50 case			0%
15	Describe the transfer of risk through insurance and reinsurance	1. Able to explain the function of insurance in risk management 2. Able to explain the principles and elements of insurance 3. Able to describe insurance contracts 4. Able to explain the function of reinsurance		Lectures and class discussions 3 X 50			0%
16	FINAL EXAMS			3 X 50			0%

#### Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
		0%

#### 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** ability in the process and student learning outcomes are specific and measurable statements that identify the ability 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.