

Universitas Negeri Surabaya Vocational Faculty, D4 Informatics Management Study Program

Document Code

				SE	MEST	ER LE		IING	i Pl		J				
Courses				CODE		Course I	amily=		Cree	dit We	eight		SEM	IESTER	Compilation Date
Artificial	intel	ligence		573010317	'1				T=3	P=0	ECTS=	4.77		3	July 17, 2024
AUTHORIZATION		SP Developer				Course Cluster Coordinator				or	Study Program Coordinator				
													Do		
Learning model	I	Project Base	d Leai	rning											
Program		PLO study p	orogra	am which i	s charged	to the cour	se								
Program Learning Outcome (PLO)		Program Ob	jectiv	ves (PO)											
(PLO)		PLO-PO Mat	trix												
				P.0											
		PO Matrix at	t the e	end of eacl	n learning	stage (Sub	-PO)							3 July 17, 2024	
							-PO)								
			F	P.O				١	Week						
				1	2 3	4 5 6	7	8	9	10	11 1	2	13	14	15 16
Short Course Descript	tion	Examining the Learning, as v	e cono vell as	cepts of so their applica	ft computing ations in eve	g, Perceptro eryday life.	n, Neur	al Netw	vork,	Fuzzy	, Supervi	sed	Learn	ing, and	unsupervised
Referen	ces	Main :													
		Netwo Corm	orks, (en T.,	Graha Ilmu.	2006 3. R C., Rivest I	Russel Norvig R., Stein C.,	, Artific	ial Intel	lligend	ce A M	Aodern A	ppro	ach, ⊺	Prentice	Hall, 2003 4.
		Supporters:													
Support lecturer		Asmunin, S.K. Ronggo Alit, M Bonda Siseph I Gde Agung S	A.M., N aputra	И.Т. a, M. Kom.	.Kom., M.Kc	om.									
Wook of e		nal abilities feach arning stage		Ev		Lear Stude		Help Learning, Learning methods, udent Assignments, [Estimated time]				ma	Learning materials [References	Assessmen Weight (%)	
				dicator	Criteria	a & Form		ine(ine)	C	Online	(online)	Reli]	
(1)		(2)		(3)	((4)	(5)			(6)			(7)	(8)

1	Understand the introduction to Artificial Intelligence	- Knowing about Artificial Intelligence - Explaining system applications regarding Artificial Intelligence in everyday life	 Criteria: The assessment criteria are carried out by looking at aspects: Participation: carried out by observing student activities (weight 2) CUTS: carried out with an assessment during the middle of the semester (weight 2) UAS: carried out every semester to measure all indicators (weight 3) A.Task: carried out on each indicator (weight 3) Student Final Grade: Participation Score (2)%2 Lever Score (3)%2 UTS Score (3) divided by 10. 	Presentation, group discussion and reflection 3 X 50		0%
2	Create simple DSS software using Statistics	- Understand problem solving using statistics. Can create simple DSS programs using statistics		Presentation, discussion and reflection 1 X 50		0%
3	Create simple software using Perceptron	- Understanding Perceptron Can create simple DSS programs using Perceptron		Presentation, group discussion and reflection 6 X 50		0%
4	Create simple software using Perceptron	- Understanding Perceptron Can create simple DSS programs using Perceptron		Presentation, group discussion and reflection 6 X 50		0%
5	Create simple software using Neural Network (NN)	- Understand NN Can create simple programs using NN		Presentation, group discussion and reflection 9 X 50		0%
6	Create simple software using Neural Network (NN)	- Understand NN Can create simple programs using NN		Presentation, group discussion and reflection 9 X 50		0%
7	Create simple software using Neural Network (NN)	- Understand NN Can create simple programs using NN		Presentation, group discussion and reflection 9 X 50		0%
8	UTS			3 X 50		0%

9	Create simple software using	- Understanding	Presentation, discussion	0%
	Fuzzy	Fuzzy Can create simple programs using Fuzzy	and reflection 3 X 50	
10	Create simple software using Fuzzy	- Understanding Fuzzy Can create simple programs using Fuzzy	Presentation, discussion and reflection 3 X 50	0%
11	Create simple software using Fuzzy	- Understanding Fuzzy Can create simple programs using Fuzzy	Presentation, discussion and reflection 3 X 50	0%
12	Create simple software using SOM	- Understand SOM Can create simple programs using SOM	Project Based Learning 6 X 50	0%
13	Create simple software using SOM	- Understand SOM Can create simple programs using SOM	Project Based Learning 6 X 50	0%
14	Create simple software using LVQ	- Understand LVQ Can create simple programs using LVQ	Presentation, discussion and reflection 6 X 50	0%
15	Create simple software using LVQ	- Understand LVQ Can create simple programs using LVQ	Presentation, discussion and reflection 6 X 50	0%
16	UAS		3 X 50	0%

Evaluation Percentage Recap: Project Based Learning

No Evaluation Percentage 0%

Notes

- 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.
- 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, 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.