

MODULE PORTOFOLIO
EVEN SEMESTER ACADEMIC YEAR 2019/2020

MODULE NAME	:	Disaster Management	Lecture																																																																													
MODULE CODE	:	SST-202	Achmad Fauzan,S.Pd.,M.Si																																																																													
CLASS	:	2020																																																																														
SEMESTER	:	2																																																																														
DATE	:	May 12 th , 2020																																																																														
PROGRAM LEARNING OUTCOME AND COURSE OUTCOME	:	<p>PLO: (Science) 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 their field of expertise. Mastering several statistical methodologies (methods and models) to be used in solving problems in several fields</p> <p>CO: After completing this course, the students have the ability to: CO 1. explain the disaster management cycle. CO 2. describes the disaster management platform. CO 3. controlling factors and triggers of disasters CO 4. describes the disaster mitigation process.</p> <p style="text-align: center;">Mapping CO and PLO</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">CO</th> <th colspan="12">PLO</th> </tr> <tr> <th>E</th> <th>N</th> <th>T</th> <th>H</th> <th>U</th> <th>S</th> <th>I</th> <th>A</th> <th>S</th> <th>T</th> <th>I</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>√</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>√</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>√</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>√</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		CO	PLO												E	N	T	H	U	S	I	A	S	T	I	C	CO1						√							CO2						√							CO3						√							CO4						√						
CO	PLO																																																																															
	E	N	T	H	U	S	I	A	S	T	I	C																																																																				
CO1						√																																																																										
CO2						√																																																																										
CO3						√																																																																										
CO4						√																																																																										
LEARNING STRATEGIES	:	This course was done with several strategies such as discussion, presentation, and group project.																																																																														
ASSESSMENT	:	<p>The final mark will be weighted as follows</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>No</th> <th>Assessment components</th> <th>Assessment types</th> <th>Weight (percentage)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CO 1</td> <td>Assignment, Midterm Exam.</td> <td>25</td> </tr> <tr> <td>2</td> <td>CO 2</td> <td>Assignment, Midterm Exam</td> <td>25</td> </tr> <tr> <td>3</td> <td>CO 3</td> <td>Assignment, Final Exam</td> <td>25</td> </tr> <tr> <td>4</td> <td>CO 4</td> <td>Assignment, Final Exam</td> <td>25</td> </tr> </tbody> </table>		No	Assessment components	Assessment types	Weight (percentage)	1	CO 1	Assignment, Midterm Exam.	25	2	CO 2	Assignment, Midterm Exam	25	3	CO 3	Assignment, Final Exam	25	4	CO 4	Assignment, Final Exam	25																																																									
No	Assessment components	Assessment types	Weight (percentage)																																																																													
1	CO 1	Assignment, Midterm Exam.	25																																																																													
2	CO 2	Assignment, Midterm Exam	25																																																																													
3	CO 3	Assignment, Final Exam	25																																																																													
4	CO 4	Assignment, Final Exam	25																																																																													
CALCULATION PROGRAM LEARNING OUTCOME	:	<p>The calculation of CO and PLO for each student:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>NO.</th> <th>NIM</th> <th>CO1</th> <th>CO2</th> <th>CO3</th> <th>CO4</th> <th>PO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>18611048</td> <td>81</td> <td>65</td> <td>48</td> <td>64</td> <td>64.5</td> </tr> <tr> <td>2</td> <td>19611001</td> <td>81</td> <td>75</td> <td>87</td> <td>80</td> <td>80.75</td> </tr> <tr> <td>3</td> <td>19611002</td> <td>79.5</td> <td>37</td> <td>93</td> <td>71</td> <td>70.125</td> </tr> <tr> <td>4</td> <td>19611003</td> <td>81</td> <td>80</td> <td>89</td> <td>74</td> <td>81</td> </tr> <tr> <td>5</td> <td>19611004</td> <td>81</td> <td>87</td> <td>86</td> <td>66</td> <td>80</td> </tr> <tr> <td>6</td> <td>19611006</td> <td>81</td> <td>65</td> <td>91</td> <td>72</td> <td>77.25</td> </tr> <tr> <td>7</td> <td>19611008</td> <td>81</td> <td>60</td> <td>85</td> <td>72</td> <td>74.5</td> </tr> <tr> <td>8</td> <td>19611009</td> <td>81</td> <td>90</td> <td>81</td> <td>60</td> <td>78</td> </tr> <tr> <td>9</td> <td>19611010</td> <td>81</td> <td>70</td> <td>85</td> <td>79</td> <td>78.75</td> </tr> </tbody> </table>		NO.	NIM	CO1	CO2	CO3	CO4	PO	1	18611048	81	65	48	64	64.5	2	19611001	81	75	87	80	80.75	3	19611002	79.5	37	93	71	70.125	4	19611003	81	80	89	74	81	5	19611004	81	87	86	66	80	6	19611006	81	65	91	72	77.25	7	19611008	81	60	85	72	74.5	8	19611009	81	90	81	60	78	9	19611010	81	70	85	79	78.75							
NO.	NIM	CO1	CO2	CO3	CO4	PO																																																																										
1	18611048	81	65	48	64	64.5																																																																										
2	19611001	81	75	87	80	80.75																																																																										
3	19611002	79.5	37	93	71	70.125																																																																										
4	19611003	81	80	89	74	81																																																																										
5	19611004	81	87	86	66	80																																																																										
6	19611006	81	65	91	72	77.25																																																																										
7	19611008	81	60	85	72	74.5																																																																										
8	19611009	81	90	81	60	78																																																																										
9	19611010	81	70	85	79	78.75																																																																										

10	19611013	81	65	76	72	73.5
11	19611014	81	77	96	76	82.5
12	19611016	81	55	91	67	73.5
13	19611017	81	88	83	81	83.25
14	19611019	81	95	96	86	89.5
15	19611022	79.5	85	94	74	83.125
16	19611024	81	60	81	59	70.25
17	19611026	81	62	86	66	73.75
18	19611027	81	75	98	72	81.5
19	19611028	81	85	92	74	83
20	19611029	80.25	55	97	81	78.3125
21	19611030	81	77	100	88	86.5
22	19611036	80.75	87	87	74	82.1875
23	19611037	81	95	91	76	85.75
24	19611039	81	62	79	72	73.5
25	19611040	82	90	90	81	85.75
26	19611043	81	75	85	78	79.75
27	19611044	81	55	94	79	77.25
28	19611045	70.5	45	66	53	58.625
29	19611047	81	65	88	59	73.25
30	19611048	81	80	84	81	81.5
31	19611049	81	62	81	72	74
32	19611050	81	75	87	49	73
33	19611051	81	80	100	88	87.25
34	19611052	80.25	85	84	79	82.0625
40	19611053	81	80	100	70	82.75
41	19611054	81	59	96	49	71.25
42	19611055	81	82	100	70	83.25
43	19611056	81	62	81	67	72.75
44	19611057	81	85	96	81	85.75
45	19611058	81	72	87	79	79.75

Achievement of PLO in Design of Experiment course Academic Year 2020/2021

Design of Experiment	E	N	T	H	U	S	I	A	S	T	I	C
CO 1						80.64						
CO 2						72.6						
CO 3						87.77						
CO 4						72.28						
Achievement of PLO						78.82						

LEARNING OUTCOME ANALYSIS

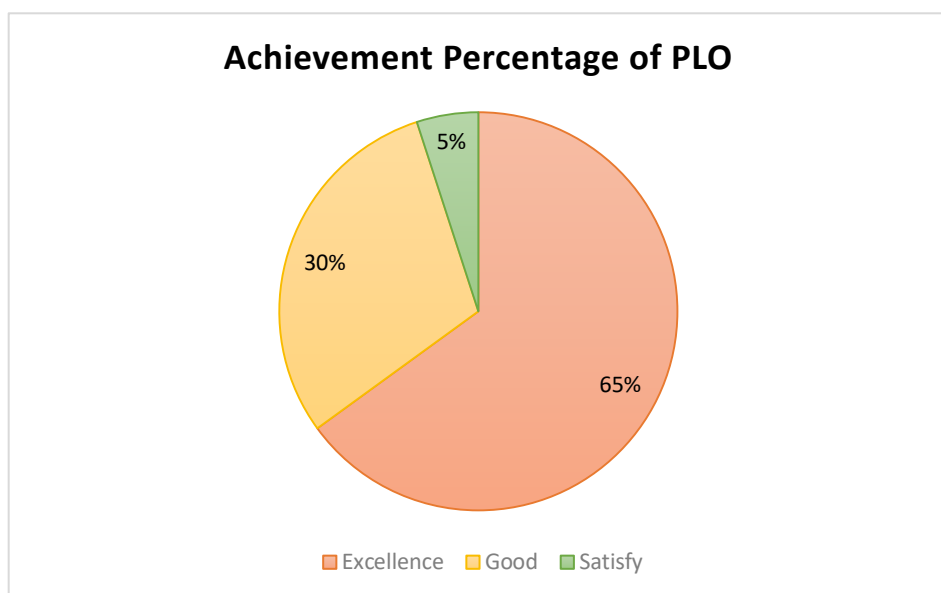
PLO Assessment Rubric (menyesuaikan CPL masing-masing)

PLO	Description	Excellent	Good	Satisfy	Fail
Science	Mastering several statistical methodologies (methods and models) to be used in solving	Students can apply logical, critical, systematic, and innovative thinking in the context of the	Students can apply logical, critical, systematic, and innovative thinking in the context of the	Students can apply logical, critical, systematic, and innovative thinking in the context of the	Students can apply logical, critical, systematic, and innovative thinking in the context of the

problems in several fields and 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 their field of expertise.	development or implementation of science and technology with score at least 76.25	development or implementation of science and technology with score at least 65.00 and less than 76.25	development or implementation of science and technology with score at least 55.00 and less than 76.25	development or implementation of science and technology with score less than 55.00.
---	---	---	---	---

Achievement number of PLO

	Number of students	Percentage (%)
Excellent	26	65.00
Good	12	30.00
Satisfy	2	5.00
Fail	0	0.00
Total	40	100.00



STUDENT'S LEARNING PERFORMANCE ANALYSIS

: From 40 students who follow this course, there are around 65.00% students fulfill the excellent criteria for the Science PLO. No one consider as fail. However, it is still found that several students are in satisfy categories. This difficulty is caused by dense of this material.

RECOMMENDATI ON FOR FUTURE LEARNING	:	There is recommendation for better course in the future that is motivate students to understand the basic concept of design of the material.
RECOMMENDATI ON FOR INSTITUTION	:	Recommendation for institution is by giving more chance for lecturer to develop more online learning materials.