



Universitas Negeri Surabaya
Faculty of Education,
Doctoral Study Program in Educational Management

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Quantitative Research Methodology	8603103923	Compulsory Curriculum Subjects - Institutional	T=0	P=0	ECTS=0	1	August 29, 2023
AUTHORIZATION		SP Developer	Course Cluster Coordinator			Study Program Coordinator	
		Dr. Soedjarwo, M.Kes	Dr. Soedjarwo, M.Kes			Dr. Nunuk Hariyati, S.Pd., M.Pd.	

Learning model Project Based Learning

Program Learning Outcomes (PLO) PLO study program which is charged to the course

Program Objectives (PO)

PO - 1 Able to formulate problems and look for new innovations in solving educational problems

PLO-PO Matrix

P.O																
PO-1																

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	
PO-1																	

Short Course Description This course examines the basic concepts and implementation of qualitative and quantitative research in accordance with educational research steps and procedures, including: formulation, hypothesis, research variables, research design, sampling techniques, data collection methods, instrument development, data analysis, interpretation of research results, withdrawal conclusions, and preparation of proposals in accordance with scientific principles and ethics.

References

Main :

1. 1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education . Seventh Edition 2 . Hadi, Sutrisno . 2015. Metodologi Riset. Yogyakarta: Pustaka Pelajar 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research . New York: McGraw-Hill Companies, Inc 4 . Creswell, John W. 2016. Research Design , Pendekatan, metode kualitatif, Kuantitatif, dan Campuran. Yogyakarta: Pustaka Pelajar 5 . Rusijono dan Mustaji . 2013. Penelitian teknologi pembelajaran . Surabaya: Unesa University Press

Supporters:

Supporting lecturer Prof. Dr. H. Murtadlo, M.Pd.
 Dr. Soedjarwo, M.S.
 Prof. Dr. Yatim Riyanto, M.Pd.
 Prof. Dr. Mochamad Nursalim, M.Si.
 Dr. Karwanto, S.Ag., M.Pd.

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	Understanding concepts. Able to formulate problems and look for new innovations in solving educational problems	1. Can explain the meaning of research 2. Can explain types of research based on the field 3. Can explain the type of research based on the research location 4. Can explain types of research based on research approaches	Criteria: successful understanding of the material if students have reached 80%	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Material: Understanding of basic concepts and types of research. References: . 1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press	7%
2	Formulate research problems	1. Able to find research problems in the field of Educational Technology 2. Able to formulate research problems in the field of Educational Technology	Criteria: successful understanding of the material if students have reached 75% Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Material: Understanding of basic concepts and types of research. References: . 1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016.	5%

Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press

Material:

Formulating research problems

References:

1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press

3	Research problems and variables	1. Students understand the concept of research variables 2. Students understand the concept of research variable status 3. Students are able to explain research variables from a research problem	<p>Criteria: successful understanding of the material if students have reached 75%</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	<p>Material: Research problems and variables</p> <p>References: . 1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . <i>Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press</i></p>	5%
4	Research problems and variables	1. Students understand the concept of research variables 2. Students understand the concept of research variable status 3. Students are able to explain research variables from a research problem	<p>Criteria: successful understanding of the material if students have reached 75%</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	<p>Material: Research problems and variables</p> <p>References: . 1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . <i>Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed</i></p>	8%

Methods.
Yogyakarta:
Student
Library 5 .
Rusijono and
Mustaji. 2013.
Learning
technology
research.
Surabaya:
Unesa
University
Press

Material:
Formulate the
aims and
benefits of
research

References: .

1 . McMillan,
James H.,
Schumacher,
Sally. 2 0 1 0 .
Research in
Education.
Seventh
Edition 2 .
Hadi, Sutrisno
. 2015.

Research
Methodology.
Yogyakarta:
Student
Library 3.
Cozby, Paul
C., Bates,
Scott C. 2012.
Methods in
behavioral
research. New
York:
McGraw-Hill
Companies,
Inc. 4 .

Creswell,
John W. 2016.
Research
Design,
Approaches,
Qualitative,
Quantitative
and Mixed
Methods.

Yogyakarta:
Student
Library 5 .
Rusijono and
Mustaji. 2013.
Learning
technology
research.
Surabaya:
Unesa
University
Press

5	Literature review	Able to explain the purpose of conducting a literature review	<p>Criteria: successful understanding of the material if students have reached 75%</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	<p>Material: Literature review References : . 1 . <i>McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press</i></p>	8%
---	-------------------	---------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

6	Able to formulate hypotheses	Able to explain the meaning of hypothesis Able to explain types of hypotheses Able to formulate a hypothesis Able to explain the theory underlying the hypothesis (Individual Task)	Criteria: successful understanding of the material if students have reached 75% Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Material: Able to formulate a hypothesis References: . 1. McMillan, James H., Schumacher, Sally. 2010. <i>Research in Education. Seventh Edition 2</i> . Hadi, Sutrisno. 2015. <i>Research Methodology</i> . Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. <i>Methods in behavioral research</i> . New York: McGraw-Hill Companies, Inc. 4. Creswell, John W. 2016. <i>Research Design, Approaches, Qualitative, Quantitative and Mixed Methods</i> . Yogyakarta: Student Library 5. Rusijono and Mustaji. 2013. <i>Learning technology research</i> . Surabaya: Unesa University Press	8%
7	Understand different types of research	Able to explain types of research based on field Able to explain types of research based on location Able to explain types of research based on their use Able to explain types of research based on approach	Criteria: successful understanding of the material if students have reached 75% Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Presentations by lecturers and questions and answers as well as providing 3x50 problem solving	Material: Able to formulate a hypothesis References: . 1. McMillan, James H., Schumacher, Sally. 2010. <i>Research in Education. Seventh Edition 2</i> . Hadi, Sutrisno. 2015. <i>Research Methodology</i> . Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. <i>Methods in behavioral research</i> . New York: McGraw-Hill Companies, Inc. 4. Creswell, John W. 2016. <i>Research Design, Approaches, Qualitative, Quantitative and Mixed Methods</i> . Yogyakarta:	8%

Student
Library 5 .
Rusijono and
Mustaji. 2013.
Learning
technology
research.
Surabaya:
Unesa
University
Press

Material:

Understanding
various types
of research

References:

1 . McMillan,
James H.,
Schumacher,
Sally. 2 0 1 0 .

Research in
Education.

Seventh
Edition 2 .

Hadi, Sutrisno
. 2015.

Research
Methodology.

Yogyakarta:
Student
Library 3.

Cozby, Paul
C., Bates,
Scott C. 2012.

Methods in
behavioral
research. New
York:

McGraw-Hill
Companies,
Inc. 4 .

Creswell,
John W. 2016.

Research
Design,
Approaches,

Qualitative,
Quantitative
and Mixed
Methods.

Yogyakarta:
Student
Library 5 .

Rusijono and
Mustaji. 2013.

Learning
technology
research.
Surabaya:
Unesa
University
Press

8	<p>1. Mastering lecture material for meetings 1 - 7</p> <p>2. Understanding the research population and sample</p>	<p>Able to explain the meaning of population. Able to explain the meaning of sample. Able to explain the main characteristics of the sample. Able to explain the types of sampling techniques</p>	<p>Criteria: successful understanding of the material if students have reached 75%</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practice / Performance, Tests</p>	<p>Presentations by lecturers and questions and answers as well as providing 3x50 problem solving</p>	<p>Presentations by lecturers and questions and answers as well as providing 3x50 problem solving</p>	<p>Material: material from meetings 1 to 7</p> <p>References: . 1 . <i>McMillan, James H., Schumacher, Sally. 2010. Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press</i></p>	8%
---	--------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

9	Understanding the research population and sample	Able to explain the meaning of population. Able to explain the meaning of sample. Able to explain the main characteristics of the sample. Able to explain the types of sampling techniques	Criteria: Students are considered capable of mastering if they reach 75% correct	Collaborative learning, discussion, question and answer, 3x50 assignments	Collaborative learning, discussion, question and answer, 3x50 assignments	Material: Understanding the population and research sample References: . 1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press	6%
---	--------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

10	<p>1.Understanding the research population and sample</p> <p>2.Understand various experimental designs</p>	<p>Able to choose an experimental design that suits the research problem and conditions in the field</p>	<p>Criteria: Students are considered capable of mastering if they reach 75% correct</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment</p>	<p>Collaborative learning, discussion, question and answer, 3x50 assignments</p>	<p>Collaborative learning, discussion, question and answer, 3x50 assignments</p>	<p>Material: Understanding various experimental designs</p> <p>References: .</p> <p>1 . <i>McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press</i></p>	6%
----	------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------	----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

11	<p>1. Understanding the research population and sample</p> <p>2. Understand various data collection methods. Able to choose data collection methods that are appropriate to the research variables</p>	<p>1. Able to explain various data collection methods</p> <p>2. Able to choose data collection methods that suit the research variables</p>	<p>Criteria: Students are considered capable of mastering if they reach 75% correct</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	<p>Collaborative learning, discussion, question and answer, 3x50 assignments</p>	<p>Collaborative learning, discussion, question and answer, 3x50 assignments</p>	<p>Material: various data collection methods. Able to choose data collection methods that suit the research variables.</p> <p>References: . 1 . McMillan, James H., Schumacher, Sally. 2010. <i>Research in Education. Seventh Edition 2</i> . Hadi, Sutrisno . 2015. <i>Research Methodology</i>. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. <i>Methods in behavioral research</i>. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. <i>Research Design, Approaches, Qualitative, Quantitative and Mixed Methods</i>. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. <i>Learning technology research</i>. Surabaya: Unesa University Press</p>	4%
12	<p>1. Understanding the research population and sample</p> <p>2. Able to develop research instruments</p>	<p>1. Students are able to develop operational definitions of variables</p> <p>2. Students are able to develop variable indicators</p> <p>3. Students are able to create instrument development grids</p> <p>4. Students are able to compile instrument items</p>	<p>Criteria: Students are considered capable of mastering if they reach 75% correct</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	<p>Collaborative learning, discussion, question and answer, 3x50 assignments</p>	<p>Collaborative learning, discussion, question and answer, 3x50 assignments</p>	<p>Material: various data collection methods. Able to choose data collection methods that suit the research variables.</p> <p>References: . 1 . McMillan, James H., Schumacher, Sally. 2010. <i>Research in Education. Seventh Edition 2</i> . Hadi, Sutrisno . 2015. <i>Research Methodology</i>. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. <i>Methods in behavioral research</i>. New</p>	8%

York:
McGraw-Hill
Companies,
Inc. 4 .
Creswell,
John W. 2016.
Research
Design,
Approaches,
Qualitative,
Quantitative
and Mixed
Methods.
Yogyakarta:
Student
Library 5 .
Rusijono and
Mustaji. 2013.
Learning
technology
research.
Surabaya:
Unesa
University
Press

Material:

developing
research
instruments

References:

1 . McMillan,
James H.,
Schumacher,
Sally. 2 0 1 0 .
Research in
Education.
Seventh
Edition 2 .
Hadi, Sutrisno
. 2015.
Research
Methodology.
Yogyakarta:
Student
Library 3.
Cozby, Paul
C., Bates,
Scott C. 2012.
Methods in
behavioral
research. New
York:
McGraw-Hill
Companies,
Inc. 4 .
Creswell,
John W. 2016.
Research
Design,
Approaches,
Qualitative,
Quantitative
and Mixed
Methods.
Yogyakarta:
Student
Library 5 .
Rusijono and
Mustaji. 2013.
Learning
technology
research.
Surabaya:
Unesa
University
Press

13	Able to analyze data correctly	1. Students master various data analysis techniques 2. Students are able to choose the right data analysis techniques.	<p>Criteria: Students are considered capable of mastering if they reach 75% correct</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	Collaborative learning, discussion, question and answer, 3x50 assignments	Collaborative learning, discussion, question and answer, 3x50 assignments	<p>Material: Able to analyze data correctly</p> <p>References: .</p> <p>1. McMillan, James H., Schumacher, Sally. 2010. <i>Research in Education. Seventh Edition 2</i> . Hadi, Sutrisno . 2015. <i>Research Methodology</i>. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. <i>Methods in behavioral research</i>. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. <i>Research Design, Approaches, Qualitative, Quantitative and Mixed Methods</i>. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. <i>Learning technology research</i>. Surabaya: Unesa University Press</p>	4%
----	--------------------------------	------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

14	Able to prepare research proposals	able to prepare research proposals in the field of educational management	<p>Criteria: Students are considered capable of mastering if they reach 75% correct</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	Collaborative learning, discussion, question and answer, 3x50 assignments	Collaborative learning, discussion, question and answer, 3x50 assignments	<p>Material: preparing a research proposal</p> <p>References: . 1 . <i>McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press</i></p>	5%
----	------------------------------------	---------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

15	<p>1.Able to prepare research proposals</p> <p>2.Able to prepare research proposals</p>	<p>able to prepare research proposals in the field of educational management</p>	<p>Criteria: Students are considered capable of mastering if they reach 75% correct</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance</p>	<p>individual presentation, discussion, question and answer, 3x50 assignments</p>	<p>Collaborative learning, discussion, question and answer, 3x50 assignments</p>	<p>Material: how to prepare a research proposal</p> <p>References: .</p> <p>1 . <i>McMillan, James H., Schumacher, Sally. 2 0 1 0 . Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press</i></p>	5%
----	-----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------	----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

16	Able to prepare research proposals	able to prepare research proposals in the field of educational management	<p>Criteria: Students are considered capable of mastering if they reach 75% correct</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment, Practice / Performance, Tests</p>	work on the task of preparing a research proposal in the field of educational management	do the task of preparing a research proposal a week	<p>Material: how to prepare a research proposal</p> <p>References:</p> <p>1 . McMillan, James H., Schumacher, Sally. 2 0 1 0 . <i>Research in Education. Seventh Edition 2 . Hadi, Sutrisno . 2015. Research Methodology. Yogyakarta: Student Library 3. Cozby, Paul C., Bates, Scott C. 2012. Methods in behavioral research. New York: McGraw-Hill Companies, Inc. 4 . Creswell, John W. 2016. Research Design, Approaches, Qualitative, Quantitative and Mixed Methods. Yogyakarta: Student Library 5 . Rusijono and Mustaji. 2013. Learning technology research. Surabaya: Unesa University Press</i></p>	18%
----	------------------------------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------	-----------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	32.12%
2.	Project Results Assessment / Product Assessment	32.12%
3.	Portfolio Assessment	3.6%
4.	Practice / Performance	26.62%
5.	Test	5.6%
		100%

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.
- 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.
- 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.
- 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.
- 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.
- 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.