



Universitas Negeri Surabaya
Faculty of Education,
Educational Technology Undergraduate Study Program

Document Code

SEMESTER LEARNING PLAN

| Courses | CODE | Course Family | Credit Weight | | | SEMESTER | Compilation Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Development of Education and Training Systems | 8620303185 | Study Program Elective Courses | T=3 | P=0 | ECTS=4.77 | 4 | May 4, 2023 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUTHORIZATION | SP Developer | | Course Cluster Coordinator | | | Study Program Coordinator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Irena Yolanita Maureen, S.Pd., M.Sc., Ph.D. | | Prof. Dr. Mustaji, M.Pd | | | Dr. Utari Dewi, S.Sn., 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 demonstrate a scientific, critical and innovative attitude in learning Education and Training System Development professionally and have sensitivity and responsibility in designing and developing education and training systems based on theoretical concepts and models of education and training system development as a Learning Technology Developer. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PO - 2 | Able to study the concept of Learning System Development and Learning System Design, various models of Learning System Development, application of the PSP concept in preparing Syllabus and Learning Planning (RPP) at certain educational unit levels both at school and non-school/training. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PO - 3 | Designing Syllabus and Learning Planning (RPP) at the level of certain educational units both in schools and non-schools/training independently or in groups. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PO - 4 | Able to produce outcomes in the form of high performance and commitment as a duty as a Learning Technology Developer and Education and Training Analyst. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PLO-PO Matrix | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>P.O</td></tr> <tr><td>PO-1</td></tr> <tr><td>PO-2</td></tr> <tr><td>PO-3</td></tr> <tr><td>PO-4</td></tr> </table> | | | | | | P.O | PO-1 | PO-2 | PO-3 | PO-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P.O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO Matrix at the end of each learning stage (Sub-PO) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">P.O</th> <th colspan="16">Week</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th> </tr> </thead> <tbody> <tr><td>PO-1</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><td></td><td></td><td></td><td></td></tr> <tr><td>PO-2</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><td></td><td></td><td></td><td></td></tr> <tr><td>PO-3</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><td></td><td></td><td></td><td></td></tr> <tr><td>PO-4</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><td></td><td></td><td></td><td></td></tr> </tbody> </table> | | | | | | P.O | Week | | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | PO-1 | | | | | | | | | | | | | | | | | PO-2 | | | | | | | | | | | | | | | | | PO-3 | | | | | | | | | | | | | | | | | PO-4 | | | | | | | | | | | | | | | | |
| P.O | Week | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PO-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Short Course Description | This course examines the concept of Learning System Development and Learning System Design, various models of Learning System Development, the application of the PSP concept in preparing Syllabi and Learning Planning (RPP) at certain educational unit levels both at school and non-school/training. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| References | Main : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Soekamto, Toeti, MP.Dr 1993. Perancangan dan Pengembangan Sistem Instruksional. Jakarta: Inter Media | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Supporters: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1. Ditjen Dikti, Dekdikbud. 1981. Teknologi Instruksional. Materi Dasar Pendidikan Akta V. Jakarta
2. Suparman, Atwi. 2012. Desain Instruksional Modern. Jakarta: Gelora Aksara Pratama
3. Sanjaya, Wina. M. Pd. Dr. 2009. Perencanaan dan Desain Pembelajaran. Jakarta: Kencana Pranada Media Group
4. Mulyasa, E., M. Pd. Dr. 2006. Kurikulum Tingkat Satuan Pendidikan. Bandung: Remaja Rosdakarya
5. Nasar. 2006. Merancang Pembelajaran Aktif dan Kontekstual Berdasarkan "SISKO". Jakarta: Dramedia Widiasarana Indonesia
6. Uno B. Hamzah, M. Pd. Dr. 2009. Perencanaan Pembelajaran. Jakarta: Bumi Aksara
7. Mukhtar, M. Pd., Prof. Dr., Iskandar, M. Pd. Dr. 2010. Desain Pembelajaran Berbasis Teknologi Informasi dan Komunikasi. Jakarta: Gaung Persada Press
8. Munthe, Bermawly, MA., Dr. 2009. Desain Pembelajaran. Yogyakarta: Pustaka Insan Madani
9. Carey, W. Dick, and Carey, L & Carey, J.O. 2009. The Systematic Design of Instruction. New Jersey: Pearson

Supporting lecturer
 Prof. Dr. Mustaji, M. Pd.
 Dr. Fajar Arianto, S. Pd., M. Pd.
 Irena Yolanita Maureen, S. Pd., M. Sc., Ph. D.

| 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 | Students can explain the nature of Learning System Development and Learning System Design | 1. Students can explain the meaning of PSP and DSP according to their respective opinions 2. Students can explain the meaning of PSP and DSP according to expert opinions | Criteria: 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities Form of Assessment : Participatory Activities, Tests | Inquiry 3 X 50 | | Material: Learning design Reference: Suparman, Atwi. 2012. Modern Instructional Design. Jakarta: Gelora Literacy Pratama Material: Design and Development of Instructional Systems References: Soekamto, Toeti, MP. Dr 1993. Design and Development of Instructional Systems. Jakarta: Inter Media Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. Modern Instructional Design. Jakarta: Gelora Literacy Pratama Material: Learning Planning and Design Reference: Sanjaya, Wina. M. Pd. Dr. 2009. Learning Planning and Design. Jakarta: Kencana Pranada Media Group Material: Education Unit Level Curriculum Library: Mulyasa, E., M. Pd. Dr. 2006. Education Unit Level Curriculum. Bandung: Rosdakarya Youth Material: Designing Active and Contextual Learning Based on Literature: Nasar. 2006. Designing Active and Contextual Learning Based on "SISKO". Jakarta: Dramedia Widiasarana Indonesia | 2% |

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|---|---|---|---|----------------------------------|---|---|----|
| 2 | Students can explain the basic concepts of Learning System Development and Learning System Design | <p>1.Students can explain the definition, objectives and concepts of PSP and DSP</p> <p>2.Students can explain the difference between PSP and DSP</p> <p>3.Students can explain the characteristics of PSP and DSP</p> | <p>Criteria:</p> <p>1.- Very good - Good - Fair - Poor - Very poor</p> <p>2.- Tests - Observations - Activities</p> <p>Form of Assessment :</p> <p>Portfolio Assessment, Test</p> | | <p>- Lecture</p> <p>- Question and Answer</p> <p>- Assignment</p> <p>3 X 50</p> | <p>Material: Learning design</p> <p>References: <i>Munthe, Bermawy, MA., Dr. 2009. Learning Design .Yogyakarta: Insan Madani Library</i></p> <hr/> <p>Material: Design and Development of Instructional Systems</p> <p>References: <i>Soekamto, Toeti, MP.Dr 1993. Design and Development of Instructional Systems. Jakarta: Inter Media</i></p> <hr/> <p>Material: Modern Instructional Design</p> <p>Reference: <i>Suparman, Atwi. 2012. Modern Instructional Design. Jakarta:Gelora Literacy Pratama</i></p> <hr/> <p>Material: Learning Planning and Design</p> <p>Reference: <i>Sanjaya, Wina.M.Pd.Dr.2009. Learning Planning and Design .Jakarta: Kencana Pranada Media Group</i></p> | 2% |
| 3 | Students can explain the principles of Learning System Development and Learning System Design | Students can explain the principles of PSP and DSP | <p>Criteria:</p> <p>1.- Very good - Good - Fair - Poor - Very poor</p> <p>2.- Tests - Observations - Activities</p> <p>Form of Assessment :</p> <p>Test</p> | | <p>- Lecture</p> <p>- Question and Answer</p> <p>- Assignment</p> <p>3 X 50</p> | <p>Material: Learning design</p> <p>Reference: <i>Suparman, Atwi. 2012. Modern Instructional Design. Jakarta:Gelora Literacy Pratama</i></p> <hr/> <p>Material: Design and Development of Instructional Systems</p> <p>References: <i>Soekamto, Toeti, MP.Dr 1993. Design and Development of Instructional Systems. Jakarta: Inter Media</i></p> <hr/> <p>Material: Learning Planning and Design</p> <p>Reference: <i>Sanjaya, Wina.M.Pd.Dr.2009. Learning Planning and Design .Jakarta: Kencana Pranada Media Group</i></p> | 2% |
| 4 | Students can explain and mention Learning System Development models | <p>1.Students can explain the meaning and characteristics of the PSP model</p> <p>2.Students can identify 3 main points in the PSP model</p> <p>3.Students can identify and explain the steps of each PSP model</p> <p>4.Students can identify the strengths and weaknesses of each PSP model</p> | <p>Criteria:</p> <p>1.- Very good - Good - Fair - Poor - Very poor</p> <p>2.- Tests - Observations - Activities</p> <p>Form of Assessment :</p> <p>Test</p> | Project Based Learning 3 X 50 | - | <p>Material: learning design model</p> <p>References: <i>Carey, W. Dick, and Carey, L & Carey, JO 2009. The Systematic Design of Instruction. New Jersey: Pearson</i></p> <hr/> <p>Material: Design and Development of Instructional Systems</p> <p>References: <i>Soekamto, Toeti, MP.Dr 1993. Design and Development of Instructional Systems. Jakarta: Inter Media</i></p> <hr/> <p>Material: Learning Planning and Design</p> <p>Reference: <i>Sanjaya, Wina.M.Pd.Dr.2009. Learning Planning and Design .Jakarta: Kencana Pranada Media Group</i></p> <hr/> <p>Material: Learning Design</p> <p>Library: <i>Munthe, Bermawy, MA., Dr. 2009. Learning Design .Yogyakarta: Insan Madani Library</i></p> | 4% |

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|---|---|--|--|--|--|--|----|
| 5 | Students can explain the steps for developing a learning system | Students can explain the steps of PSP in the form of a complete and systematic design | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Form of Assessment : Participatory Activities</p> | | <ul style="list-style-type: none"> - Lecture - Discussion - Question and Answer - Assignment <p>3 X 50</p> | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Design and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i>. Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i>. Yogyakarta: Insan Madani Library</p> | 4% |
| 6 | Students can create a Learning System Development plan | Students can create a complete PSP design according to the steps in the selected PSP Model | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Form of Assessment : Participatory Activities, Project Results Assessment / Product Assessment</p> | | <ul style="list-style-type: none"> - Group Discussion - Questions and Answers - Assignment <p>3 X 50</p> | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Planning and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta: Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i>. Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum Library: Mulyasa, E., M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Designing Active and Contextual Learning Based on Literature: Nasar.2006. <i>Designing Active and Contextual Learning Based on "SISKO"</i>. Jakarta: Dramadia Widiasarana Indonesia</p> <hr/> <p>Material: Learning Planning Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Learning Design Based on Information and Communication Technology References:</p> | 4% |

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|--|--|--|--|--|--|--|
| | | | | | <p>Mukhtar.M.Pd, Prof.Dr., Iskandar, M.Pd,Dr.2010. <i>Information and Communication Technology Based Learning Design i</i>. Jakarta: Echo Persada Press</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i>. Yogyakarta: Insan Madani Library</p> <hr/> <p>Material: The Systematic Design of Instruction Bibliography: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Instructional Technology Basic Educational Materials Library: Directorate General of Higher Education, Dekdikbud. 1981. <i>Instructional Technology. Basic Educational Materials</i> Deed V. Jakarta</p> | |
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| 7 | Students can create a Learning System Development plan | Students can create a complete PSP design according to the steps in the selected PSP Model | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Form of Assessment : Participatory Activities</p> | | <p>- Group Discussion - Questions and Answers - Assignment 3 X 50</p> | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Planning and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta: Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i>. Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum Library: Mulyasa, E., M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Designing Active and Contextual Learning Based on Literature: Nasar.2006. <i>Designing Active and Contextual Learning Based on "SISKO"</i>. Jakarta: Dramadia Widiasarana Indonesia</p> <hr/> <p>Material: Learning Planning Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Learning Design Based on Information and Communication Technology References: Mukhtar.M.Pd, Prof.Dr., Iskandar, M.Pd.Dr.2010. <i>Information and Communication Technology Based Learning Design i</i>. Jakarta: Echo Persada Press</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i>. Yogyakarta: Insan Madani Library</p> <hr/> <p>Material: The Systematic Design of Instruction Bibliography: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> | 4% |
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| 8 | midterm exam | Students are able to create a Learning System Development design | <p>Criteria: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3.49) C = 50 - 64 (3.00 - 3.39) D = 25 - 50 (2.00 - 2.99) E = < 25 (0 - 1.99)</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p> | Project Based Learning 3 X 50 | | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> | 20% |
| 9 | Students can create a Learning System Development plan | Students can create a complete PSP design according to the steps in the selected PSP Model | <p>Criteria: 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities</p> <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment, Tests</p> | | <p>- Group Discussion - Questions and Answers - Assignment 3 X 50</p> | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Design and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta: Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i>. Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum Library: Mulyasa, E., M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Designing Active and Contextual Learning Based on Literature: Nasar.2006. <i>Designing Active and Contextual Learning Based on "SISKO"</i>. Jakarta: Dramadia Widiararana Indonesia</p> <hr/> <p>Material: Learning Design Based on Information and Communication Technology References: Mukhtar.M.Pd, Prof.Dr., Iskandar, M.Pd.Dr.2010. <i>Information and Communication Technology Based Learning Design</i>. Jakarta: Echo Persada Press</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i>. Yogyakarta: Insan Madani Library</p> | 4% |

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| 10 | Students can apply the steps for Learning System Development in the form of a complete and systematic design | Students can create a complete and systematic PSP design | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Form of Assessment :</p> <p>Project Results Assessment / Product Assessment, Test</p> | | <p>- Group Discussion - Questions and Answers - Assignment 3 X 50</p> | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Learning design Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Planning and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta:Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum Library: Mulyasa,E.,M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Designing Active and Contextual Learning Based on Literature: Nasar.2006. <i>Designing Active and Contextual Learning Based on "SISKO"</i>. Jakarta: Dramadia Widiasarana Indonesia</p> <hr/> <p>Material: Learning Planning Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Learning Design Based on Information and Communication Technology References: Mukhtar.M.Pd, Prof.Dr., Iskandar, M.Pd.Dr.2010. <i>Information and Communication Technology Based Learning Design</i>. Jakarta: Echo Persada Press</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i> .Yogyakarta: Insan Madani Library</p> | 4% |
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| 11 | Students can apply the steps for Learning System Development in the form of a complete and systematic design | Students can create a complete and systematic PSP design | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Form of Assessment :</p> <p>Participatory Activities, Portfolio Assessment</p> | | <p>- Group Discussion - Questions and Answers - Assignment 3 X 50</p> | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Learning design Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Design and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta:Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum Library: Mulyasa,E.,M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Designing Active and Contextual Learning Based on Literature: Nasar.2006. <i>Designing Active and Contextual Learning Based on "SISKO"</i>. Jakarta: Dramadia Widiasarana Indonesia</p> <hr/> <p>Material: Learning Planning Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> | 4% |
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| 12 | Students can apply the steps for Learning System Development in the form of a complete and systematic design. | Students can create a complete and systematic PSP design | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Tests</p> | | <p>- Group Discussion - Questions and Answers - Assignment 3 X 50</p> | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Learning design Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Planning and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta:Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum Library: Mulyasa,E.,M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Designing Active and Contextual Learning Based on Literature: Nasar.2006. <i>Designing Active and Contextual Learning Based on "SISKO"</i>. Jakarta: Dramadia Widiasarana Indonesia</p> <hr/> <p>Material: Learning Planning Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i> .Yogyakarta: Insan Madani Library</p> | 4% |
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| 13 | Students can present the Learning System Development design | Students can present learning designs for schools and training in accordance with learning design principles | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Form of Assessment :</p> <p>Project Results Assessment / Product Assessment</p> | | <ul style="list-style-type: none"> - Group Presentation - Discussion - Questions and Answers - Assignment 3 X 50 | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Learning design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Planning and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta:Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Learning Planning Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i> .Yogyakarta: Insan Madani Library</p> | 4% |
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| 14 | Students can present the Learning System Development design | Students can present learning designs for schools and training in accordance with learning design principles | <p>Criteria:</p> <ol style="list-style-type: none"> 1.- Very good - Good - Fair - Poor - Very poor 2.- Tests - Observations - Activities <p>Form of Assessment :</p> <p>Project Results Assessment / Product Assessment</p> | | <ul style="list-style-type: none"> - Group Presentation - Discussion - Questions and Answers - Assignment 3 X 50 | <p>Material: Learning design References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Learning design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Design and Development of Instructional Systems References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta:Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum Library: Mulyasa,E., M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Learning Planning Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Learning Design Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i> .Yogyakarta: Insan Madani Library</p> | 4% |
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| 15 | Implement PSP steps in the form of a complete and systematic design | Students can present learning designs for schools and training in accordance with learning design principles | <p>Criteria:</p> <p>1.- Very good - Good - Fair - Poor - Very poor</p> <p>2.- Tests - Observations - Activities</p> <p>Form of Assessment :</p> <p>Project Results Assessment / Product Assessment, Portfolio Assessment</p> | | <p>- Group Presentation</p> <p>- Discussion</p> <p>- Questions and Answers</p> <p>- Assignment</p> <p>3 X 50</p> | <p>Material: Learning design</p> <p>References: Carey, W. Dick, and Carey, L & Carey, JO 2009. <i>The Systematic Design of Instruction</i>. New Jersey: Pearson</p> <hr/> <p>Material: Learning design</p> <p>Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Design and Development of Instructional Systems</p> <p>References: Soekamto, Toeti, MP.Dr 1993. <i>Design and Development of Instructional Systems</i>. Jakarta: Inter Media</p> <hr/> <p>Material: Modern Instructional Design</p> <p>Reference: Suparman, Atwi. 2012. <i>Modern Instructional Design</i>. Jakarta:Gelora Literacy Pratama</p> <hr/> <p>Material: Learning Planning and Design</p> <p>Reference: Sanjaya, Wina.M.Pd.Dr.2009. <i>Learning Planning and Design</i> .Jakarta: Kencana Pranada Media Group</p> <hr/> <p>Material: Education Unit Level Curriculum</p> <p>Library: Mulyasa,E., M.Pd.Dr.2006. <i>Education Unit Level Curriculum</i>. Bandung: Rosdakarya Youth</p> <hr/> <p>Material: Learning Planning</p> <p>Reference: Uno B.Hamzah, M.Pd.Dr.2009. <i>Learning Planning</i>. Jakarta: Bumi Literacy</p> <hr/> <p>Material: Learning Design</p> <p>Library: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i> .Yogyakarta: Insan Madani Library</p> | 4% |
| 16 | Final exams | Complete and systematic PSP design | <p>Criteria:</p> <p>A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3.49) C = 50 - 64 (3.00 - 3.39) D = 25 - 50 (2.00 - 2.99) E = < 25 (0 - 1.99)</p> | Project Based Learning 3 X 50 | | <p>Material: PSP steps in the form of a complete and systematic design.</p> <p>Reference: Munthe, Bermawy, MA., Dr. 2009. <i>Learning Design</i> .Yogyakarta: Insan Madani Library</p> | 30% |

Evaluation Percentage Recap: Project Based Learning

| No | Evaluation | Percentage |
|----|---|------------|
| 1. | Participatory Activities | 15.33% |
| 2. | Project Results Assessment / Product Assessment | 35% |
| 3. | Portfolio Assessment | 7.33% |
| 4. | Test | 12.33% |
| | | 69.99% |

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.