



**INSTITUT SENI INDONESIA PADANGPANJANG**  
**FACULTY OF ART AND DESIGN**  
**ARTS AND CRAFTS STUDY PROGRAM**

**SEMESTER COURSE PLAN**

| COURSE            |                                                 | CODE                                                                                                                                                                                                                                | Academic Dicipilines            | Credits                | Semester | Date of Compilation          |
|-------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------|----------|------------------------------|
| MATERIALS STUDY   |                                                 | 6040402MKP44                                                                                                                                                                                                                        | Elective Course<br>(Compulsory) | 3                      | 5        | January 5 <sup>th</sup> 2024 |
| AUTHORIZATION     |                                                 | The Developers of Semester Course Plan                                                                                                                                                                                              |                                 | The Head of Department |          |                              |
|                   |                                                 | Ferawati, S.Sn., M. Sn.                                                                                                                                                                                                             |                                 | Hendra, S.Sn., M.Sn.   |          |                              |
| Learning Outcomes | Graduate Learning Outcomes of the Study Program |                                                                                                                                                                                                                                     |                                 |                        |          |                              |
|                   | P.1                                             | Mastering the knowledge of art and craft research methods.                                                                                                                                                                          |                                 |                        |          |                              |
|                   | P.2                                             | Mastering the knowledge of art in the creation methods of crafts.                                                                                                                                                                   |                                 |                        |          |                              |
|                   | P.3                                             | Mastering the concepts of traditional, contemporary, and industrial craft design.                                                                                                                                                   |                                 |                        |          |                              |
|                   | P.4                                             | Mastering the principles of craft design                                                                                                                                                                                            |                                 |                        |          |                              |
|                   | P.7                                             | Understanding the concepts and principles of entrepreneurship in the field of crafts.                                                                                                                                               |                                 |                        |          |                              |
|                   | KK.5                                            | Being able to design craft works according to society needs                                                                                                                                                                         |                                 |                        |          |                              |
|                   | KU.6                                            | Being able to analyse the implications of developing or implementing knowledge and technology in accordance with their expertise, based on scientific principles, procedures, and ethics, to produce solutions, ideas, and designs. |                                 |                        |          |                              |
|                   | KU.7                                            | Being able to compile a scientific description of their research findings in the form of a thesis, final project report, or scientific article.                                                                                     |                                 |                        |          |                              |

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|                                 | <b>Course Learning Outcomes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                               |
|                                 | CPMK1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Students are able to understand the definition and scope of materials study (P.1, P.2, P.3, P.4)                                              |
|                                 | CPMK2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Students understand and comprehend the types of materials and their development (P.1, KK.3, KU.1 )                                            |
|                                 | CPMK3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Students are able of understanding and applying materials study in the creation and study of crafts (P.1, P.3, P.4, KK.1, KK.3, KK. 5, KU.1 ) |
|                                 | CPMK4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Students are able to analyse materials, particularly for craftworks using various materials (P.1, KK.3, KK.5, KU.1)                           |
| <b>Brief Course Description</b> | Students are able to acquire knowledge and an understanding of craft materials (wood, metal, leather, clay, and textiles) to assess the characteristics and types of materials. The course introduces the types, properties, and characteristics of craft materials (wood, metal, leather, clay, and textiles), supplemented with examples of the materials being studied                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                               |
| <b>Course Content</b>           | <ol style="list-style-type: none"> <li>1. Mastering the materials, tools, and techniques of woodcraft</li> <li>2. Mastering the materials, tools, and techniques of ceramic craft</li> <li>3. Mastering the materials, tools, and techniques of metalcraft</li> <li>4. Mastering the materials, tools, and techniques of leathercraft</li> <li>5. Mastering the materials, tools, and techniques of textile craft</li> <li>6. Creating a sample clipping of craft materials including wood, ceramics, metal, leather, and textiles.</li> </ol>                                                                                                                                                                                                        |                                                                                                                                               |
| <b>References</b>               | <ol style="list-style-type: none"> <li>1. Daryanto.1999. Ilmu Bahan. Jakarta:Bumi Aksara.</li> <li>2. Razmi, Dewi Sita dan Mity J. Juni. 2011. Sulam, Tenun &amp; Renda Koto Gadang. Jakarta: Dian Rakyat.</li> <li>3. Soemantri, V. M. Bambang. 2005. Tusuk Sulam Dasar. Jakarta: PT. Gramedia Pustaka Utama.</li> <li>4. Dadang. 2013. Teknik Dasar Pengerjaan Logam, Malang: PPPPTK Boe Malang.</li> <li>5. SP. Gustami. 2008. Nukilan Seni Ornamen Indonesia. Yogyakarta: Jurusan Kriya FSR ISI Yogyakarta</li> <li>6. Sunarto, Seni Tatah Sungging kulit, Yogyakarta, Prasista,2008</li> <li>7. Sunarto, Pengetahuan Bahan Kulit Untuk Seni dan Industri, Yogyakarta, Kanisius, 2001</li> <li>8. Ilmu Bahan Kayu, jilid 1, oleh: B.J.</li> </ol> |                                                                                                                                               |
| <b>Team Teaching</b>            | Sumadi,S.Sn., M.Sn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                               |
| <b>Instructional Media</b>      | Computer/Laptop, LCD projector, white board, marker.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                               |

|                            |      |
|----------------------------|------|
| <b>Prerequisite course</b> | None |
|                            |      |

| ME<br>ETI<br>NG<br>S | EXPECTED LEARNING<br>OUTCOMES<br>(Sub-Learning<br>Outcomes)                      | COURSE CONTENT<br>(TEACHING<br>MATERIALS)                                                                                                                                                | TEACHING<br>METHODS/ST<br>RATEGIES              | ASSESSMENT                                                                                                |                                    |                           | TIME<br>ALLOCATIO<br>N           | REFERENCE<br>S |
|----------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------|----------------------------------|----------------|
|                      |                                                                                  |                                                                                                                                                                                          |                                                 | ASSESSMENT<br>CRITERIA-<br>INDICATORS                                                                     | TYPES OF<br>LEARNING<br>EXPERIENCE | SCORING<br>PERCENTAG<br>E |                                  |                |
| 1                    | Understanding the classroom regulationst and the general overview of the course. | 1. Course contract.<br>2. Overview of the course and its correlation with other courses.<br>3. Assessment criteria<br>4. Course references<br>5. Global Introduction to materials study. | Lecture,<br>discussion                          | Understanding the general overview of the course.<br>Materials Study                                      |                                    |                           | 3 x 50 minutes (1 meeting).      |                |
| 2                    | Students are able to understand the definition and scope of materials study      | 1. Defenition of materials study.<br>2. The scope of material study                                                                                                                      | Lecture,<br>discussion,<br><i>brainstorming</i> | The students are able to understand and recognize the importance of materials studied in materials study. | Discussion                         |                           | 3 x 50 minutes (1 face to face). |                |
| 3-4                  | Being able to understand materials, techniques, and comprehend                   | 1. the historical developmen t and evolution of textiles                                                                                                                                 | Lecture,<br>discussion,<br><i>brainstorming</i> | The students are able to explain the origins and development of textiles, along with their various types  | Lecture,<br>discussion             | 10%                       | 6 x 50 minutes (1 meeting).      |                |

| ME<br>ETI<br>NG<br>S | EXPECTED LEARNING<br>OUTCOMES<br>(Sub-Learning<br>Outcomes)                                     | COURSE CONTENT<br>(TEACHING<br>MATERIALS)                                       | TEACHING<br>METHODS/ST<br>RATEGIES | ASSESSMENT                                                                          |                                           |                           | TIME<br>ALLOCATIO<br>N       | REFERENCE<br>S |
|----------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------|---------------------------|------------------------------|----------------|
|                      |                                                                                                 |                                                                                 |                                    | ASSESSMENT<br>CRITERIA-<br>INDICATORS                                               | TYPES OF<br>LEARNING<br>EXPERIENCE        | SCORING<br>PERCENTAG<br>E |                              |                |
|                      | the historical development and evolution of textiles                                            | 2. Types and characteristics of textile materials                               |                                    |                                                                                     |                                           |                           |                              |                |
| 5-6                  | Being able to understand and have knowledge about wood                                          | 1. History of the development of wood.<br>2. Types and characteristics of wood. | Lecture, discussion,               | The students are able to explain about wood media                                   | Lecture, discussion and independent work. | 10%                       | 6 x 50 minutes (2 meetings). |                |
| 7                    | Being able to understand the development of wood                                                | Definition, types, and techniques of wood                                       | Lecture                            | The students are able to understand the characteristics of wood                     | Discussion, lecture                       |                           | 3 x 50 minutes (2 meetings). |                |
| 8                    | Being able to understand and master the material that has been taught                           | Evaluation of textile and wood materials                                        | Face to face Evaluation            | The accuracy in answering the questions                                             | Independent work<br>Discussion            | 20 %                      |                              |                |
| 9                    | Being able to understand leather materials, techniques, types, and the leather tanning process. | 1. Definition of leather media.<br>2. Types and techniques of leather.          | Discussion, Lecture                | The students are able to distinguish between high-quality and low-quality materials | Lecture, Discussion                       |                           | 3 x 50 minutes (2 meetings). |                |
| 10-11                | Being able to understand metal materials and techniques                                         | 1. Definition of metals.                                                        | Discussion<br>Lecture              | The students are able to identify metal media, as well as explain the               | Lecture<br>Discussion                     | 10%                       | 3 x 50 minutes (2 meetings). |                |

| ME<br>ETI<br>NG<br>S | EXPECTED LEARNING<br>OUTCOMES<br>(Sub-Learning<br>Outcomes)                                  | COURSE CONTENT<br>(TEACHING<br>MATERIALS)                                                                      | TEACHING<br>METHODS/ST<br>RATEGIES | ASSESSMENT                                                                                        |                                           |                           | TIME<br>ALLOCATIO<br>N             | REFERENCE<br>S |
|----------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------|------------------------------------|----------------|
|                      |                                                                                              |                                                                                                                |                                    | ASSESSMENT<br>CRITERIA-<br>INDICATORS                                                             | TYPES OF<br>LEARNING<br>EXPERIENCE        | SCORING<br>PERCENTAG<br>E |                                    |                |
|                      |                                                                                              | 2. Types and development of metals                                                                             |                                    | characteristics of metal materials and their development.                                         |                                           |                           |                                    |                |
| 12-13                | Being able to understand the types and history of metals                                     | Being able to explain metal media, the history, and characteristics of metal materials                         | Lecture, discussion                | The students are able to understand the differences, and are able of comprehending and explaining | Lecture, discussion                       |                           | 6 x 50 minutes (2 meetings),       |                |
| 14-15                | Being able to analyze and understand the materials, techniques, types, and media of ceramics | 1. Definition, techniques, and components of ceramic materials.<br>2. Forming processes in ceramic production. | Lecture Discussion                 | The students are able to analyze materials and techniques                                         | Independent work, Face to face Discussion |                           | 6 x 50 minutes 3 meetings)         |                |
| 16                   | <b>FINAL SEMSTER EXAM</b>                                                                    | <b>FINAL SEMESTER EXAM</b>                                                                                     | <b>Presentation</b>                | The students are able to review and create a clipping about textile,                              | Presentation of the clipping/report       | <b>50%</b>                | <b>3 x 50 minutes (1 meeting),</b> |                |

| ME<br>ETI<br>NG<br>S | EXPECTED LEARNING<br>OUTCOMES<br>(Sub-Learning<br>Outcomes) | COURSE CONTENT<br>(TEACHING<br>MATERIALS) | TEACHING<br>METHODS/ST<br>RATEGIES | ASSESSMENT                                    |                                    |                           | TIME<br>ALLOCATIO<br>N | REFERENCE<br>S |
|----------------------|-------------------------------------------------------------|-------------------------------------------|------------------------------------|-----------------------------------------------|------------------------------------|---------------------------|------------------------|----------------|
|                      |                                                             |                                           |                                    | ASSESSMENT<br>CRITERIA-<br>INDICATORS         | TYPES OF<br>LEARNING<br>EXPERIENCE | SCORING<br>PERCENTAG<br>E |                        |                |
|                      |                                                             |                                           |                                    | wood, metal,<br>ceramic, and textile<br>media |                                    |                           |                        |                |
| TOTAL                |                                                             |                                           |                                    |                                               |                                    | 100%                      |                        |                |

## Indicators, Criteria and Scoring Percentage

### Scoring Rubric

| Data validity, data analysis results, presentation, and team collaboration                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|
| Descriptions/Performance Indicators                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Score  | Grade     |
| <ul style="list-style-type: none"> <li>The clipping/report on materials science is thoroughly written with a complete structure (introduction/background, methodology, discussion/content, and conclusion).</li> <li>The paper includes indicators and analysis of each visual aspect of the work.</li> <li>There are arguments and explanations of the analysis in the clipping/report.</li> <li>The report can be presented in a communicative and engaging manner to the audience.</li> </ul>               | 91-100 | Excellent |
| <ul style="list-style-type: none"> <li>The clipping/report on materials science is thoroughly written with a complete structure (introduction/background, methodology, discussion/content, and conclusion).</li> <li>The paper includes indicators and analysis of each visual aspect of the work.</li> <li>The clipping/report contains arguments and explanations of the work's analysis.</li> <li>The report can be presented communicatively but has not yet captured the audience's interest.</li> </ul>  | 86-90  | Very good |
| <ul style="list-style-type: none"> <li>The clipping/report on materials science is thoroughly written with a complete structure (introduction/background, methodology, discussion/content, and conclusion).</li> <li>The report includes definitions and techniques or types of materials.</li> <li>The clipping/report contains arguments and explanations of the work's analysis.</li> <li>The report is presented in a manner that is not yet communicative and does not yet engage the audience</li> </ul> | 80-85  | Good      |

| Data validity, data analysis results, presentation, and team collaboration                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------|
| Descriptions/Performance Indicators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Score | Grade                  |
| <ul style="list-style-type: none"> <li>The clipping/report is thoroughly written with a complete structure (introduction/background, methodology, discussion/content, and conclusion).</li> <li>The report includes indicators for each visual aspect of the analyzed work.</li> <li>The report contains arguments but lacks explanations (details) of the visual analysis of the work.</li> <li>The report is presented in a manner that is not yet communicative and does not yet engage the audience.</li> </ul>            | 76-79 | More than satisfactory |
| <ul style="list-style-type: none"> <li>The clipping/report on materials study is thoroughly written with a complete structure (introduction/background, methodology, discussion/content, and conclusion).</li> <li>The report includes details and indicators for each visual aspect of the analyzed work.</li> <li>The report lacks arguments and explanations of the visual analysis of the work.</li> <li>The report is presented in a manner that is not yet communicative and does not yet engage the audience</li> </ul> | 65-75 | Satisfactory           |
| <ul style="list-style-type: none"> <li>The paper/report on materials study is thoroughly written with a complete structure (introduction/background, methodology, discussion/content, and conclusion).</li> <li>The report does not include indicators for each visual aspect of the analyzed work.</li> <li>The report lacks arguments and explanations of the visual analysis of the work.</li> <li>The report is presented in a manner that is not yet communicative and does not yet engage the audience</li> </ul>        | 60-64 | Unsatisfactory         |
| <ul style="list-style-type: none"> <li>The clipping/report on materials study is not thoroughly written with a complete structure (introduction/background, methodology, discussion/content, and conclusion).</li> <li>The report does not include indicators for each visual aspect of the analyzed work.</li> <li>The report lacks arguments and explanations of the visual analysis of the work.</li> <li>The report is presented in a manner that is not yet communicative and does not yet engage the audience</li> </ul> | 0-59  | Fail                   |

