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|---|---|---------------------------------------|--|--|---|---|
| Akashi College  |   | Year                                  | 2022   |  | Course Title  | Form and Design   |
| Course Information  |   |                                       |  |  |   |   |
| Course Code   | 4116  |                                       | Course Category  | Specialized / Compulsory   |   |   |
| Class Format  | Seminar   |                                       | Credits  | School Credit: 2   |   |   |
| Department  | Architecture  |                                       | Student Grade  | 1st  |   |   |
| Term  | First Semester  |                                       | Classes per Week   | 4  |   |   |
| Textbook and/or Teaching Materials  |   |                                       |  |  |   |   |
| Instructor  | OTSUKA Takehiko,KUDOH Kazumi,IWATA Naoki,SHIBATA Chikako  |                                       |  |  |   |   |
| Course Objectives   |   |                                       |  |  |   |   |
| As the basis for engaging in architectural design, learn crafting techniques and expression ability in architectural spaces with architectural graphics and three-dimensional works as main topics.<br>Understand how to work and can work accurately and safely.<br>Can design and produce crafts with design qualities.<br>Can summarize the practical training results into presentations and reports. |   |                                       |  |  |   |   |
| Rubric  |   |                                       |  |  |   |   |
|   | Ideal Level   |                                       | Standard Level   |  | Unacceptable Level  |   |
| Achievement 1   | Can properly sketch.  |                                       | Can sketch.  |  | Cannot properly sketch.   |   |
| Achievement 2   | Can make crafts properly based on sketches.   |                                       | Can make crafts based on sketches.   |  | Cannot make crafts based on sketches.   |   |
| Achievement 3   | Properly understand the basics of three-dimensional and planar structures that become the fundamentals of architecture.   |                                       | Understand the basics of three-dimensional and planar structures that become the fundamentals of architecture. |  | Do not understand the basics of three-dimensional and planar structures that become the fundamentals of architecture. |   |
| Assigned Department Objectives  |   |                                       |  |  |   |   |
| Teaching Method   |   |                                       |  |  |   |   |
| Outline   | Students will receive basic training on three-dimensional and planar structures that become the fundamentals of architecture. In addition, they will deepen their understanding of architecture and cities through audio-visual education. Shibata will be in charge of weeks 1-6, Shibata and Kudo will be in charge of week 7, and Iwata and Otsuka will be in charge of weeks 8-15.<br>Iwata has presided over a design office for 27 years. |                                       |  |  |   |   |
| Style   | Each week, students will create exercise assignments individually or as a group.<br>As the basis for engaging in architectural design, learn crafting techniques and expression ability in architectural spaces by creating various plastic art works.<br>These exercises are necessary to improve creativity and presentation skills in architectural design.  |                                       |  |  |   |   |
| Notice  | Students will be required to raise interest in architecture and ensure that the exercise assignments are completed.<br>Students who miss 1/3 or more of classes will not be eligible for a passing grade.   |                                       |  |  |   |   |
| Characteristics of Class / Division in Learning   |   |                                       |  |  |   |   |
| <input checked="" type="checkbox"/> Active Learning   |   | <input type="checkbox"/> Aided by ICT |  | <input checked="" type="checkbox"/> Applicable to Remote Class                         |   | <input checked="" type="checkbox"/> Instructor Professionally Experienced |
|   |   |                                       |  |  |   |   |
| Course Plan   |   |                                       |  |  |   |   |
|   |   |                                       | Theme  | Goals  |   |   |
| 1st Semester  | 1st Quarter   | 1st                                   | Literary plastic artistic expression 1 (Iwata and Otsuka)  | Create three-dimensional shapes through metaphorical thought.                          |   |   |
|   |   | 2nd                                   | Literary plastic artistic expression 2 (Iwata and Otsuka)  | Create three-dimensional shapes through metaphorical thought.                          |   |   |
|   |   | 3rd                                   | Inevitable and coincidental thinking (Iwata and Otsuka)  | Learn designs that take advantage of situations, and create three-dimensional shapes.  |   |   |
|   |   | 4th                                   | Thoughts from da Vinci's notebooks 1 (Iwata and Otsuka)  | Learn about the thinking in da Vinci's notebooks, and create three-dimensional shapes. |   |   |
|   |   | 5th                                   | Thoughts from da Vinci's notebooks 2 (Iwata and Otsuka)  | Learn about the thinking in da Vinci's notebooks, and create three-dimensional shapes. |   |   |
|   |   | 6th                                   | Recommendations for writing and finding questions (Iwata and Otsuka)   | Find questions in one's daily life and express them three-dimensionally.               |   |   |
|   |   | 7th                                   | Hybrid thinking (Iwata and Otsuka)   | Learn hybrid thinking and produce three-dimensional objects.                           |   |   |
|   |   | 8th                                   | Design thinking and innovation   | Learn ways of thinking using books on design thinking.                                 |   |   |
|   | 2nd Quarter   | 9th                                   | About sketching (Shibata)  | Understand the basics of sketching.  |   |   |
|   |   | 10th                                  | Assumed expressions (Shibata)  | Learn proper sketching techniques.   |   |   |
|   |   | 11th                                  | Creative sketching (Shibata)   | Create three-dimensional shapes based on proper sketches.                              |   |   |
|   |   | 12th                                  | Sketching and shaping (Shibata)  | Learn about sketching buildings and expressions.                                       |   |   |
|   |   | 13th                                  | Sketching and shaping (Shibata)  | Learn assumed expressions.   |   |   |
|   |   | 14th                                  | Three-dimensional production (Shibata)   | Create three-dimensional shapes.   |   |   |
|   |   | 15th                                  | Shapes and space (Shibata and Kudo)  | Understand shapes and architectural space.   |   |   |
|   |   | 16th                                  | No final exam  |  |   |   |
| Evaluation Method and Weight (%)  |   |                                       |  |  |   |   |

|                            | Assignment | Presentation | Mutual<br>Evaluations<br>between<br>students | Behavior | Portfolio | Other | Total |
|----------------------------|------------|--------------|--|----------|-----------|-------|-------|
| Subtotal                   | 80         | 10           | 0  | 10       | 0         | 0     | 100   |
| Basic<br>Proficiency       | 0          | 0            | 0  | 0        | 0         | 0     | 0     |
| Specialized<br>Proficiency | 80         | 10           | 0  | 10       | 0         | 0     | 100   |
| Cross Area<br>Proficiency  | 0          | 0            | 0  | 0        | 0         | 0     | 0     |