

|                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |                                                                                                                |                                                                                        |                                                                                                                       |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 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     |