



Course Description

College of Design Department of Design

Bachelor of Fine Arts Program in Interior Design

1. General Information

COD102 **Color and Light in Design** **Credits 3 (1-4-4)**

Pre-requisite course None

Co-requisite course None

Academic year 1/2025 **Student Year Level 1**

Section 103

Program and Categorization of course Foundation Course

Course responsible faculty member Asst.Prof. Pailin Phokthavi

List of instructors Asst.Prof. Pailin Phokthavi

Place of study Lecture and Lab: Room 8N-502/2

Date and Time Friday 9.30am -12.30pm

Date of latest update 13 August 2025

2. Learning Objectives and Development Objectives

2.1. Course Objectives

2.1.1. To provide students with the fundamental knowledge of color, light relative to colors, and color theory, and apply them to interior design, responding to the functional requirements, emotional requirements, and aesthetic requirements

2.1.2. To enable students to analyze and learn the psychology of color perception in humans and environmental design affecting design, material selection. Practicing and experimenting the colors by making boards, color charts, art works, and sketch design.

2.1.3. To encourage and enhance students' skills using in creating work of art. Students must be able to understand colors and materials using in interior design, related to color schemes, responding to concept, mood and atmosphere, in interior design with a good aesthetic taste.

2.2. Course Description

Light and color; psychological impact of colors; color schemes such as monotone color schemes, monochromatic color schemes, analogous color schemes, complementary color schemes, and triad color schemes, and tetrad color schemes ; special color effects such as effects of texture, pattern and metallic materials; color in relation to each other; effects of color on space; effects of light on color; practical approaches for design application and working method such as collection color samples, preparing color schemes for design presentation.

2.3. Number of hours per each semester

| Lecture | Lab / Field study / Workshop | Advisement | Self-study |
|------------------|------------------------------|----------------|------------------|
| 1 hours per week | 4 hours per week | Upon requested | 4 hours per week |

Contact: ➡ Make an appointment at College of Design
administration office

➡ Contact the lecturer via Group Line:
present in class

2.4. Course Learning Outcomes: CLOs

At the end of this course, students will be able to

- 1) Create artistic and design works that are interesting and creative by applying theories of color and light.
- 2) Explain the relationship between light and color, the relationship between color and materials in interior design, and the relationship between color and humans.
- 3) Select color schemes and apply knowledge to appropriately and accurately create artworks, spatial design works, and interior design works.
- 4) Present works using appropriate media tools. The works demonstrate refinement, quality, confidence, and continuous development.

3. Learning Outcomes

1. Morals and ethics

| | | Learning Outcomes | Methodology | Assessment |
|---|-----|--|--|--|
| ● | 1.1 | Discipline and Responsibility towards oneself and society | <p>1. Address responsibility to duty and work. Respect in the intellectual rights of others. Constantly emphasize on the rules for punishment if rights are violated in the class.</p> <p>2. Introduce the importance of time allocation at work and on-time attendance. Regularly announce assignments and class attendance so that students can periodically check themselves.</p> | <p>1. Observe behavior in class work and assess the student's honesty from their work.</p> <p>2. Develop & agreed on class policy such as punctuality in attending the class and submitting assignments.</p> <p>3. Punctuality in attending the class and submitting assignments</p> |

2. Knowledge

| | | Learning Outcomes | Methodology | Assessment |
|---|-----|---|---|---|
| ● | 2.1 | Diversity in the knowledge of art and design and other related fields. | <p>1. Lecture the course content using PowerPoint slides about light and color, psychological impact of colors color, schemes.</p> <p>2. Assign artwork exercises and additional research for practicing and understanding the different characteristics of color aspects.</p> <p>Assign to present in the classroom each week.</p> | <p>1. Evaluate and rate from each week artwork assignment.</p> <p>2. Assessment from the final project and presentation how students apply the course content or knowledge to their work.</p> |

3. Intellectual skills

| | | Learning Outcomes | Methodology | Assessment |
|---|-----|--|--|--|
| ○ | 3.3 | The ability in Integrating knowledge with other design fields to create academic and professional works. | 1. Assign artwork exercises to students to analyze and synthesize the course content and relevant ideas from their design field perspectives to create solution. | 1. Evaluate and rate from the presentation, showing the integration of the knowledge, information, inspiration and meaning from their field to creative artwork process. |

4. Interpersonal skills and responsibility

| | | Learning Outcomes | Methodology | Assessment |
|---|-----|--|---|---|
| ○ | 4.2 | Responsibility for their own work and able to cooperate effectively with others. | 1. Small /large group based assignment for practice team work. 2. Encourage students to engage with activities in their group or the class such as giving opinion for other students' work, or to help cooperating for each event. | 1. Observe students' behavior in group work assigned in class. 2. Assessment from students' work Together with the job planning report and division of responsibilities. 3. Evaluate participation, offer opinions and discuss in the presentation. |

5. Communication and information technology skills

| | | Learning Outcomes | Methodology | Assessment |
|---|-----|---|--|---|
| ○ | 5.1 | Ability to communicate by speaking, listening, reading and writing in general as well as the artistic communication methods for presenting works efficiently. | 1. Assign students to present the artworks in class and guide them to good presentation methods or preparing for a good presentation, focusing on interesting and suitable presentation for each assignment. | 1. Assess based on the understanding and attention of the class to the presentation, class discussions and opinions on the classmates' artwork. |

| | | Learning Outcomes | Methodology | Assessment |
|---|-----|--|---|---|
| ○ | 5.2 | Ability to use information technology to research for creating works or presenting works efficiently. | 1. Introduce computer programs, technological possibilities and methods for searching information and using technology that is suitable for the each assignment presentation. | 1. Assess from the students' presentation how appropriate the technology is used in their artworks. |

6. Psychomotor Domain

| | | Learning Outcomes | Methodology | Assessment |
|---|-----|--|--|---|
| ○ | 6.1 | Practical skills in the arts to create their own works. | 1. Teaching and recommending the quality of artwork presentation by using artistic skills and abilities to apply into the assignments. 2. Present examples of quality works using artistic skills, color theory, art theory, and neatness in work, etc. | 1. Evaluate the application of artistic knowledge to the assignments. |

4. Course Planning and Assessment

4.1. Course planning

| Week | Date | Lecture Topics | Assignments |
|------|---------------------|---|--|
| 1 | F 22 August 2025 | Introduction to Class The Importance of colors | Assignment 1: Who are you? 1. Choose one main favorite color to portray yourself. 2. You can use different shades of one color to apply on your artwork 3. Prepare your description to explain about your color choice. Submission: In class Week 2 |
| 2 | F 29 August 2025 | Presentation : Assignment 1 | Assignment 2: Create your color wheel 1. Create your own color wheel by using the class template and poster colors. 2. Create group color wheel by using found or everyday objects (Video Record your creating process) – Group work. Submission: In class Week 3 |
| | | Basic of colors in Interior Design Hue colors / color wheel / color spectrum / cool – warm colors | |
| 3 | F 5 September 2025 | Presentation : Assignment 2 | Assignment 3: Play with the Light 1. Create a piece of art with colored translucent or transparent materials which light can pass through. 2. Present the art through the light to see the effect. Submission: In class Week 4 |
| | | Color and Light Color system / RGB+CMYK | |
| 4 | F 12 September 2025 | Presentation : Assignment 3 | Assignment 4: Artwork Puzzle (From None to Colors) 1. Paint new colors base on each value from an artist's black and white artwork Submission: In class Week 5 |
| | | Value and Intensity of Colors Saturation - thin & shade | |
| 5 | F 19 September 2025 | Presentation : Assignment 4 | Assignment 5: Color Observer to Mood 1. Choose any kind of visual media; Movie, Music Video, Animation, etc. 2. Analyze colors from the media and create the color pallets and interior |
| | | Psychology of Colors Mood and tone of color and space Perception | |

| Week | Date | Lecture Topics | Assignments |
|-----------|---------------------|---|---|
| | | | mood board. Submission: In class Week 6 |
| 6 | F 26 September 2025 | Presentation : Assignment 5 | |
| | | Summative quiz • 1 | |
| 7 | F 3 October 2025 | Term-Break: No class in this week. | |
| 8 | F 10 October 2025 | Field Trip to Art Gallery | |
| 9 | F 17 October 2025 | Color Schemes / Color Application 1: Monochromatic / Analogous | Assignment 6: A Festive Card Creation Use variety techniques to create an A5 size festive card using an assigned color scheme. Submission: In class Week 10 |
| 10 | F 24 October 2025 | Presentation : Assignment 6 | Assignment 7: BAG•ART Use variety of techniques and materials to create your own artwork inside and outside an assigned paper brown bag. Submission: In class Week 11 |
| | | Color Schemes / Color Application 2: Complementary Colors/ Split Complementary Colors | |
| 11 | F 31 October 2025 | Presentation : Assignment 7 | Assignment 8: BOX•ART Use variety of techniques and materials to create your own artwork inside and outside a box. Submission: In class Week 12 |
| | | Color Schemes / Color Application 3: Triadic Colors/ Tetradic Colors | |
| 12 | F 7 November 2025 | Presentation : Assignment 8 | Assignment 9: Material Matching / Mood to Materials Match materials and create your A3 material board, inspired by an initiative piece of material and an assigned theme, which is related to an assign interior design mood. Submission: In class Week 13 |
| | | Material and Colors Interior Materials: Color/ Texture/ Pattern and Soft/Hard Materials. Materials Selection: Material Board / Sample Boards for interior presentation. | |
| 13 | F 14 November 2025 | Presentation : Assignment 9 | ★ Assignment Final Project: ★ Interior Design Space with Colors Submission: Week 14 -Preliminary/Draft in class Week 15- Final Presentation at Gallery |
| | | Summative quiz • 2 | |

| Week | Date | Lecture Topics | Assignments |
|------|--------------------|--|-------------|
| 14 | F 21 November 2025 | In-Class Presentation : Final Project Preliminary Present progression of your idea and design: mood, planning, color schemes, material selection, etc. | |
| 15 | F 28 November 2025 | Gallery Exhibition Presentation : ★ Final Project Presentation ★ Set your own small exhibition to present the project. Course End | |
| 16 | TH 5 December 2025 | National Father's Day Holiday No class this week. | |

Note: ✱ Last day of withdraw (without W noted in transcript) 29 August 2025
 ✱ Last day of withdraw (with W noted in transcript) 27 November 2025

4.2. Course Assessment

| Learning Outcomes | Assessment Methods | Assessment Week Schedule | Marks Allocation |
|------------------------------|---|----------------------------------|------------------|
| 2.1, 3.3, 4.2, 5.1, 5.2, 6.1 | ▪ Assignments 1-10 | 2, 3, 4, 5, 6, 9, 10, 11, 12, 13 | 60% |
| | ▪ Final Project Assignment | 15 | 20% |
| | ▪ Summative Quiz | 6, 13 | 10% |
| 1.1, 4.2 | ▪ Punctuality in class attention and assignment submission ▪ Class participation | Throughout the semester | 10% |

5. Course Resources

5.1. Text books

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5.2. Important Documents

Chijiwa, H. (1987). Color Harmony. Massachusetts : Rockport Publisher.

Faber, B. (1987). Creative Color. Usa : Schiefer Publishing Ltd.,

Sawahata, L. (n.d.) Color Harmony Workbook. Massachusetts : Rockport Publisher.

TOM Grill & Mark Scantion. (1984) Photographic Composition. English: Fountain Press Ltd,

Whelan, B, M. (1994) Color Harmony 2: A Guide to Creative color Combination.

Hong Kong : Rockport Publisher.

5.3. Recommended Documents

Exhibitions / Internet / Design Magazines in all fields.

6. Course Feedback and Improvement

6.1. Course evaluation by students

- Discussion with students
- Class periodic evaluation
- Question and answer session in class
- Exhibit students' works; collect feedback, exchange opinions with friends and lecturers
- Develop an executive summary by student, with opinion, satisfaction and recommendation for the course

6.2. Other methods of course evaluation / Teaching Evaluation

- Observe behavior and class interaction of student, lecture and teaching team in every topic.
- Lecturer and assistance evaluation form
- Survey opinion of external parties on student achievement and recommendation.

6.3. Course development and improvement

- Analyze result from teaching evaluation with teaching team and experts.
- Research for improvement in teaching

6.4. Quality assurance of the course

- Evaluation of achievement of each learning outcome.
- Exhibit students' works; collect feedback, exchange opinions with friends and coaches.
- Student survey
- Randomly evaluate student work by lecturer or external expert
- Establish course committee for course evaluation by examining exams, report, evaluation criteria for exam and behavior.

6.5. Course revision and development plan

- Analyze result from result from course evaluation to develop course improvement plan and quality of course content
- Annually revise the course according to recommendation and suggestion from course evaluation.
- Change or switch of guest speaker relevant to current situation, to provide diverse perspective to current situation.

The Distribution of Curriculum Mapping and Responsibility for Learning Outcomes

● Major responsibility ○ Minor responsibility

| Course | 1. | | | 2. | | | | 3. | | | | 4. | | | 5. | | | 6. |
|----------------------------------|-------------------|---|---|-----------|---|---|---|---------------------|---|---|---|---|---|---|---|---|---|--------------------|
| | Morals and ethics | | | Knowledge | | | | Intellectual Skills | | | | Interpersonal skills and responsibility | | | Communication and information technology skills | | | Psychomotor Domain |
| | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 1 | 2 | 3 | 1 |
| Foundation Course | | | | | | | | | | | | | | | | | | |
| COD102 Color and Light in Design | ● | | | ● | | | | | | ○ | | | ○ | | ○ | ○ | | ○ |