



MODUL HANDBOOK FINAL PROJECT

Bachelor Degree Program
Department of Interior Design
Faculty of Creative Design and Digital Business

Institut Teknologi Sepuluh Nopember



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Description of Course Unit

Course unit title	Final Project
Course unit code	DI 184836
Type of course unit (compulsory, optional)	Compulsory
Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)	First Cycle Bachelor
Year of study when the course unit is delivered (if applicable)	4 th year
Semester/trimester when the course unit is delivered	8 th
Number of ECTS credits allocated	12,8
Name of lecturer(s)	Dr. Ir. Budiono, M.Sn. Ir. Prasetyo Wahyudie, M.T. Dr. Ir. Susy Budi Astuti, M.T. Ir. Nanik Rachmaniyah, M.T. Dr. Firman Hawari, S.Sn., M.Ds. Dr. Mahendra Wardhana, S.T., M.T. Thomas Ari Kristianto, S.Sn., M.T. Lea Kristina Anggraeni, S.T., M.Ds. Aria Weny Anggraita, S.T., M.MT. Anggra Ayu Rucitra, S.T., M.MT. Caesario Ari Budianto, S.T., M.T. Okta Putra Setio Ardianto, S.T., M.T. Yasmin Zainul Mochtar, S.T., M.A. Onna Anieqo T, ST., M.Ds.
Learning outcomes of the course unit	<ol style="list-style-type: none"> 1. Able to compile Final Project proposals and reports 2. Able to develop design concepts 3. Able to generate design ideas 4. Able to transform the theme concept into space design. 5. Able to communicate the final result/out put design in the form of 2-dimensional and 3-dimensional drawings by manual and computer-aided methods. 6. Able to make working drawings
Mode of delivery (face-to-face, distance learning)	Face-to-Face
Prerequisites and co-requisites (if applicable)	The student has taken the "Interior Design and Economy" and "Interior Design Research" course
Course content	<ol style="list-style-type: none"> 1. Final Project Proposal and Report: Procedures of scientific writing and Interior Design Research 2. Design Concept: Design Objectives and Problems, Library Studies, Existing and Comparative Studies, User and Activities, Program Needs and Space Relations, Analysis of themes and design concepts 3. Layout alternative of space and furniture: anthropometry study, user activity and circulation, space relationship matrix. Design Objectives: Formulating Objectives Tree Methods 4. Application of theme into space design: Form transformation, Analogy, SCAMPER

	<p>5. Design output documentation: engineering drawings (floor plans, sections, details), presentation images, macket, Budget Plan Table, animation and prototype</p> <p>6. Working drawing</p>
<p>Recommended or required reading and other learning resources/tools</p>	<ul style="list-style-type: none"> ❑ McMorrough, J. (2018). <i>Architecture Reference & Specification Book: Everything architects need to know every day</i>. Quarry Books. ❑ Grimley, C., Love, M., & Grimley, C. (2018). <i>The Interior Design Reference + Specification Book: Everything interior designers need to know every day</i>. Rockport Publishers Inc., an imprint of The Quarto Group. ❑ Triatmodjo, S. (2020). Designing a Design Thinking Model in Interior Design Teaching and Learning. <i>Journal of Urban Society's Arts</i>, 7(2), 53–64. https://doi.org/10.24821/jousa.v7i2 ❑ Vaux, D.E., & Wang, D. (Eds.). (2020). <i>Research Methods for Interior Design: Applying Interiority</i> (1st ed.). Routledge. https://doi.org/10.4324/9780429029325 ❑ Karpan, C. M. (n.d.). <i>Programming Interior Environments: A practical guide for students</i>. Routledge. ❑ Cline, L. S. (2022). <i>Architectural drafting for Interior Design</i>. Fairchild Books. ❑ Serrat, O. (2017). <i>The SCAMPER Technique</i>. In: Knowledge Solutions. Springer, Singapore. https://doi.org/10.1007/978-981-10-0983-9_33 ❑ Obeidat, I., Obeidat, S., Rumman, S. A., & Al-Jubouri, F. (2022). The role of sustainable interior design and its impact on customer's behavior in Commercial Environments. <i>IOP Conference Series: Earth and Environmental Science</i>, 1026(1), 012054. https://doi.org/10.1088/1755-1315/1026/1/012054 ❑ Whiting, P., Cullen, V., Adkins, H., & Chateur, F. (2023). A new retail interior design education paradigm for a circular economy. <i>Sustainability</i>, 15(2), 1487. https://doi.org/10.3390/su15021487 ❑ Lounassaari, A. K. K. (2019). Teaching-Learning Experiences in Interior Architecture in the Context of Creative Economy and Socially Responsible Design, 9 ❑ Vaux, D. E., & Wang, D. (2021). <i>Research methods for interior design: Applying interiority</i>. Routledge, Taylor & Francis Group. ❑ Duan, H. (2022). The development trend and optimization of Interior Design. <i>BCP Social Sciences & Humanities</i>, 20, 240–243. https://doi.org/10.54691/bcpssh.v20i.2209 ❑ Mitton, M. (2018). <i>Interior Design Visual Presentation: A guide to graphics, models, and presentation methods</i>. Wiley. ❑ Mansour, M. (2023). The relationship between the visual identity of graphic and interior design and the place-making of interior spaces. <i>Convergence of Contemporary Thought in Architecture, Urbanism, and Heritage Studies</i>. https://doi.org/10.38027/ICCAUA2023EN0392 ❑ Afthony, Naufal. (2021). <i>Desain Interior Fasilitas Edukasi Kelistrikan 'Energo' TJB Educenter Berkonsep Edutainment Dengan Implementasi Projection Mapping Guna Menciptakan Nuansa Imersif Pada Pengunjung</i>. Undergraduate thesis, Institut Teknologi Sepuluh Nopember. ❑ Haidar, Almer. (2021). <i>Redesain Desain Interior Singgasana Hotel Surabaya berkonsep Eksimplifikasi</i>

	Kakawin Negarakertagama Sebagai Wujud Pelestarian Kisah Kerajaan di Jawa Serta Didukung Dengan Konsep Green Building. Undergraduate thesis, Institut Teknologi Sepuluh Nopember.
Planned learning activities and teaching methods	Project-Based Learning
Language of instruction	Indonesia and English
Assessment methods and criteria	Project, Midterm Exam, and Final Exam

Learning Outcome (LO)

LO	Description
LO2	Able to think critically and creatively in preparing interior design ideas/ concepts
LO4	Able to present design outputs (process and design results) manually and/ or computer-assisted in 2D and 3D
LO6	Able to utilize technology based on social and local culture in the field of interior design
LO7	Mastering basic knowledge of aesthetics, behavior and technology in the field of interior design

Course Learning Outcome (CLO)

CLO	Description	Mapping of CLO to LO				Weight of CLO (%)
		LO 2	LO 4	LO6	LO7	
CLO1	Students produce designs that can solve problems and meet their needs		x		x	30
CLO2	Students understand and can write systematic reports	x			x	30
CLO3	Students can produce good technical drawings, according to the design and informative			x	x	30
CLO4	Students can communicate the design results well				x	10

Assessment Plan

No.	Course Learning Outcomes*	Assessment Technique	Assessment Weight (%)
1.	CLO1 Students produce designs that can solve problems and meet their needs	Design Quality (Case Method)	30
2.	CLO2 Students understand the systematic writing of reports	Final Project Report (Case Method)	30
3.	CLO3 Students are able to produce well-executed working drawings that are aligned with the design and informative	Technical Drawing (Case Method)	30
4.	CLO4 Students can effectively communicate design outcomes	Presentation (Case Method)	10
Total Assessment Weight			100

Learning Outcome Plan

Week	Sub Achievement-Subject Final Ability	Breadth (Learning Material)	Learning Method	Estimated Time	Students Learning Experience	Assessment Criteria and Indicator
1 - 3	Able to compose final project proposal and report	Initial study, composing final project proposal, studying the existing object, describing problems and goals, design methods	Lecture & Consultation. Studio and Survey. Presenting weekly progress.	3 L/M: 2x3x60" 3 ST: 3x3x60" L/M: Lecture/meeting ST: Studio	Writing a design object survey report. Arranging studies about design object and theme.	Completeness of data and composition of writing
4, 5	Able to create a design concept	CREATING A DESIGN CONCEPT : Problems & Goals. Design Theme User study, Space Needs and Relationships, Design Concept.	Lecture & Consultation. Studio / Independent. Presenting weekly progress.	L/M: 3x3x60" ST: 3x3x60"	Creating a Design Concept	Completeness of data and composition of writing
6 - 8	Able to create design ideas	DESIGN ALTERNATIVES	Lecture & Consultation. Studio / Independent.	L/M: 2x3x60" ST: 3x3x60"	Creating design ideas and sketch alternatives based on layout	Zoning and circulation according to room function
9, 10	Able to implement design concept into interior design		Presentation	L/M: 2x3x60" ST: 3x3x60"		Design Quality, Design Output
11 - 15	Able to communicate final results / design output in 2 dimensional and 3 dimensional images both manually and computer-assisted		Lecture & Consultation. Studio / Independent.	2 L/M: 2x3x60" 2 ST: 3x3x60"		Completeness of complex engineering drawing standard, drawing details, mockup, prototype
16	Final Presentation					

REFERENCES (max 5)

1. Cross, Nigel (2001), Engineering Design Methods, Singapore, John Wiley & Sons.
2. Panero, Julius dan Zelnik, martin (1979), 'Dimensi Manusia dan Ruang Interior', Erlangga, Jakarta.
3. Mahardini (2010), Desain Rumah Buku, Tugas Akhir ITS.

4. Maulana, Dihlis (2010), Tugas Desain Interior 2, ITS, Surabaya.
5. Tiara Ika (2011), Galeri Batik Mangrove Sebagai Sarana Hiburan Edukasi tentang Mangrove di Surabaya, Tugas Akhir ITS

Note:

* 1 credit = (50' L/M + 60' SL + 60' IL)/Week

L/M = Meeting (Lecture)

SL = Structural Learning

IL = Independent Learning

PS = Practical Simulation (3 hours/week)

PL = Practical Laboratorium (3 hours/week)

T = Theory (knowledge aspect)

P = Practice (skillfulness aspect)