



# MODUL HANDBOOK INTERIOR DESIGN RESEARCH

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	Interior Design Research
Course unit code	DI184630
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)	3 <sup>rd</sup> year
Semester/trimester when the course unit is delivered	6 <sup>th</sup> semester
Number of ECTS credits allocated	4.8 credits
Name of lecturer(s)	Dr. Mahendra Wardhana, ST. MT.
Learning outcomes of the course unit	<ol style="list-style-type: none"> <li>1. Students are able to collaborate in identifying design problems and solutions through the design research brief.</li> <li>2. Students are capable of generating creative solutions to the identified problems.</li> <li>3. Students are capable of formulating and designing design concepts based on the generated solutions.</li> <li>4. Students are capable of generating creative solutions to the identified problems.</li> </ol>
Mode of delivery (face-to-face, distance learning)	face-to-face
Prerequisites and co-requisites (if applicable)	-
Course content	<ol style="list-style-type: none"> <li>1. Design research proposal</li> <li>2. Design research report</li> <li>3. Design concept research methods</li> <li>4. Design research implementation brief</li> </ol>
Recommended or required reading and other learning resources/tools	<ol style="list-style-type: none"> <li>1. Purnama, C.M. (2001). <i>Strategic Marketing Plan</i>. Penerbit PT Gramedia Pustaka Utama. Jakarta.</li> <li>2. Abbott, M.L. and McKinney, J., 2013. <i>Understanding and applying research design</i>. John Wiley &amp; Sons.</li> <li>3. Myers, J.L., Well, A. and Lorch, R.F., 2010. <i>Research design and statistical analysis</i>. Routledge.</li> <li>4. Marczyk, G.R., DeMatteo, D. and Festinger, D., 2010. <i>Essentials of research design and methodology</i> (Vol. 2). John Wiley &amp; Sons.</li> <li>5. Vogt, W.P., Gardner, D.C. and Haeffele, L.M., 2012. <i>When to use what research design</i>. Guilford Press.</li> <li>6. Mulyadi, M., 2012. Riset desain dalam metodologi penelitian. <i>Jurnal Studi Komunikasi Dan Media</i>, 16(1), pp.71-80.</li> <li>7. Eva, Y. and Ds, S., 2020. <i>Suatu Pengantar: Metode Dan Riset Desain Komunikasi Visual DKV</i>. Deepublish.</li> <li>8. Sunarmi, S., 2013. Peran Riset Dalam Perwujudan Desain. <i>Jurnal Brikolase</i>, 5(1), pp.14-23.</li> <li>9. Putrawangsa, S., 2018. <i>Desain pembelajaran: Design research sebagai pendekatan desain pembelajaran</i>. CV. Reka Karya Amerta.</li> <li>10. Meyers, L.S., Gamst, G. and Guarino, A.J., 2016. <i>Applied multivariate research: Design and interpretation</i>. Sage</li> </ol>

	<p>publications.</p> <p>11. Bechhofer, F. and Paterson, L., 2000. <i>Principles of research design in the social sciences</i>. Psychology Press.</p>
Planned learning activities and teaching methods	Problem-Based Learning, Project-Based Learning, and Blended Learning
Language of instruction	Indonesia and English
Assessment methods and criteria	Assignment, Project, Midterm Exam and Final Exam

### Learning Outcome (LO)

LO	Description
LO1	Able to think critically in conducting interior design research
LO2	Able to think critically and creatively in preparing interior design ideas/ concepts
LO7	Responsible independently and as a team/ organization
L10	Able to provide alternative solutions and make the right, creative and innovative decisions related to the field of interior design based on good leadership and communication skills

### Course Learning Outcome (CLO)

CLO	Description	Mapping of CLO to LO				Weight of CLO (%)
		LO 3	LO 4	LO 7	LO 10	
CLO1	Students are capable of collaborating to identify design problems and solutions through the design research brief	x				25
CLO2	Students are able to produce creative solutions to the resulting problems		x			25
CLO3	Students are able to compile and design design concepts based on the resulting solutions			x		25
CLO4	Students are able to ensure the suitability of interior design concepts with the problems faced by interior users				x	25

### Assessment Plan

No.	Course Learning Outcomes*	Assessment Technique	Assessment Weight (%)
1	<b>CLO1</b> Students are capable of collaborating to identify design problems and solutions through the design research brief	The assignment of User Data Exploration (Cognitive - Assignment)	25
2	<b>CLO2</b> Students are able to produce creative solutions to the resulting problems	The assignment of defining problems (Team-based Project)	25
3	<b>CLO3</b> Students are able to compile and design design concepts based on the resulting solutions	The assignment of exploring design solution ideas (Team-based Project)	25
4	<b>CLO4</b> Students are able to ensure the suitability of interior design concepts with the problems faced by interior users	The task of assessing the suitability of design concepts (Team-based Project)	25
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 - 2	Students are able to explain the position and relationship of Interior Design Research subject to other subjects	Course Introduction, relationships with other courses	Interactive lecture and discussion	2 meetings / lectures @ 120 minutes	Discussion	Attendance and liveliness during lectures
3 - 5	Students are able to compose a proposal properly and correctly	Interior design research proposal	Interactive lecture, discussion, and assignment	3 meetings / lectures @ 120 minutes	Discussion	Quality of order and content of interior design research proposal
6 - 8	Students are able to compose a design research report properly and correctly	Interior design research report	Interactive lecture, discussion, and assignment	3 meetings / lectures @ 120 minutes	Discussion	Quality of order and content of interior design research report
9 - 11	Students are able to design the method of design research and implement it	Research methods and implementation on interior design concept	Interactive lecture and discussion	3 meetings / lectures @ 120 minutes	Discussion	Quality and content of interior design research brief
12 - 16	Students are able to evaluate the feasibility of concepts resulting from the implementation of interior design research	Feasibility of interior design concept	Presentation and discussion	3 meetings / lectures @ 120 minutes	Presentation	Quality of explanation and revision of interior design research results

### REFERENCES (max 5):

1. Suryabrata, Sumadi (1998). *Metodologi Penelitian*. PT Rajagrafindo Persada. Jakarta
2. Purnama, C.M. (2001). *Strategic Marketing Plan*. Penerbit PT Gramedia Pustaka Utama. Jakarta.
3. Kerlinger, Fred N. (1990). *Asas-Asas Penelitian Behavior*. Gajah Mada university Press. Yogyakarta
4. Zeisel, John (1981). *Inquiry by Design*. Cambridge University Press

Note:

\* Presentation