

Module Description

Module name:	Mapping Studio
Module level, if applicable	-
Code, if applicable	104D5214
Subtitle, if applicable	-
Courses, if applicable	Mapping Studio
Semester(s) in which the module is taught	1
Person responsible for the module	Arifuddin Akil, Dr., MT., Ir.
Lecturers	<ol style="list-style-type: none"> 1. Arifuddin Akil, Dr., MT., Ir. 2. Dr.Eng. Ihsan, ST., MT 3. Abdul Rachman Rasyid, Dr. Eng., MT., ST. 4. Mukti Ali, Ph.D., MT., ST 5. Marly Valenti Pantandianan, ST., MT., Ph.D 6. H. Muhammad Fathien Azmy., M.Si., Ir 7. Sri Aliah Ekawati, ST., MT
Language	Bahasa Indonesia
Relation to curriculum	<p>The Mapping Studio course is a compulsory subject and the starting point of a series of studio courses as a core subject in Urban and Regional Planning Department. Therefore, had participated this course is a prerequisite for taking the next studio courses (Data Collection Studio, Site Planning Studio, Urban Planning Studio, Regional Planning Studio, Urban and Regional Development Planning Studio).</p> <p>The course is presented in the first semester (odd semester) with a weight of four Credit Points/6.8 ECTS.</p>
Type of teaching	The learning method used is Student Center Learning. The method is oriented towards students as the center, in other words, students are trained to learn actively and independently. The course applies some methods: lectures, discussion, survey, study case, and presentation.
Workload	The course consists of 4 credit points (CP) in one meeting/week. Studio works are carried out for 16 weeks. 1 CP depends on the type of subject: 50 minutes classroom meeting (face-to-face) + 60 minutes of assignments/tutorials + 60 minutes of self-study
Credit points	4
Requirements according to the examination regulations	The number of student attendance is at least 80% of the total meeting.
Recommended prerequisites	-

<p>Module objectives/intended learning outcomes</p>	<p>CLO 1. Students are skilled in drawing lines, maps, and formulating information into a form of spatial and non-spatial plans. (Supports ILO 1 and ILO 2).</p> <p>CLO 2. Students have soft skills and hard skills to map field characteristics and use IT (computing) tools. (Supports ILO 1 and ILO 4)</p> <p>The following table is mapping of the ILO and CLO in this course:</p> <table border="1" data-bbox="610 495 1468 600"> <thead> <tr> <th></th> <th>ILO 1</th> <th>ILO 2</th> <th>ILO 4</th> </tr> </thead> <tbody> <tr> <td>CLO 1</td> <td>x</td> <td>x</td> <td></td> </tr> <tr> <td>CLO 2</td> <td>x</td> <td></td> <td>x</td> </tr> </tbody> </table>		ILO 1	ILO 2	ILO 4	CLO 1	x	x		CLO 2	x		x
	ILO 1	ILO 2	ILO 4										
CLO 1	x	x											
CLO 2	x		x										
<p>Content</p>	<p>This course is supported by 5 compulsory courses in the first semester, i.e., Statistics, Introduction to Urban and Regional Planning, A History of Urban and Regional Planning, Calculus and Social Demography. All the assignments in the 5 compulsory courses become inputs in the mapping studio activities. Some assignments such as Makassar Old Town and the identification of cultural heritage buildings in A History of Urban and Regional Planning course will directly be mapped in the Mapping Studio since one of the assignments is also an old town area thematic map. Assignment of understanding the radius of service or catchment area of social facilities from another supporting course (Social Demography) will be supported by mapping the radius of service of the Mapping studio activity.</p> <p>The course discusses the principles and techniques of manually drawing lines and maps and mapping based on the results of a location survey. In the first week of 16 weeks of studio activities, there is an explanation of the outline learning plan in one semester and the core courses in the URP Study Program. Discussion of learning materials starts from the 2nd week to the 7th about lines and maps. Meanwhile, survey location and mapping will be studied from the 9th to the 15th-week. Learning evaluation is given in the 8th week (mid-test) and at the 16th week of the end of semester evaluation (final test). This section intends to evaluate the progress of understanding the course material or students' understanding of course competencies.</p>												

Study and examination requirements and forms of examination	<p>This course will be graded as follows:</p> <ol style="list-style-type: none"> 1. Assignment (50%) 2. Midterms Exam: Display and Presentation (20%) 3. Final Exam and report: Final Report and Presentation (30%) <table border="1" data-bbox="662 363 1414 787"> <thead> <tr> <th>Percentage of Achievement</th> <th>Grade</th> <th>Conversion Value</th> </tr> </thead> <tbody> <tr> <td>85 – 100</td> <td>A</td> <td>4.00</td> </tr> <tr> <td>80 - <85</td> <td>A-</td> <td>3.75</td> </tr> <tr> <td>75 - < 80</td> <td>B+</td> <td>3.5</td> </tr> <tr> <td>70 - < 75</td> <td>B</td> <td>3.0</td> </tr> <tr> <td>65 - < 70</td> <td>B-</td> <td>2.75</td> </tr> <tr> <td>60 - < 65</td> <td>C+</td> <td>2.5</td> </tr> <tr> <td>50 - < 60</td> <td>C</td> <td>2.00</td> </tr> <tr> <td>40 - < 50</td> <td>D</td> <td>1.00</td> </tr> <tr> <td>< 40</td> <td>E</td> <td>0.00</td> </tr> </tbody> </table>	Percentage of Achievement	Grade	Conversion Value	85 – 100	A	4.00	80 - <85	A-	3.75	75 - < 80	B+	3.5	70 - < 75	B	3.0	65 - < 70	B-	2.75	60 - < 65	C+	2.5	50 - < 60	C	2.00	40 - < 50	D	1.00	< 40	E	0.00
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< 40	E	0.00																													
Media employed	SIKOLA, Zoom																														
Reading list	<ol style="list-style-type: none"> 1. Aryono Prihandito. 1988. Map Projection. Yogyakarta: Kanisius (Indonesian language) 2. Dewi Liesnoor Setyowati, dkk. 2014. Basic Cartography. Yogyakarta: Ombak ((Indonesian language) 3. Ching, D.K, (1985), Form, Order, and Space. Terjemahan. Jakarta: Erlangga 4. Kraak, Menno-Jan & Ferjan Ormeling (2007). Geospatial Data Visualization Cartography. Translator: Sukendra Martha, dkk. ed.2. Yogyakarta: Gadjah Mada University Press (Indonesian language) 5. Lukman Aiz dan Ridwan said (1985). Thematic Map. Bandung: Jurusan Teknik Geodesi Fakultas Teknik dan Perencanaan ITB (Indonesian language) 6. Subagio (2003). Map Knowledge. Bandung: ITB (Indonesian language) 7. World Building School. Author’s Guide to Drawing Maps. Retrieved from https://worldbuildingschool.com on April 1, 2020 8. Peraturan Pemerintah RI Nomor 8 Tahun 2013 tentang Ketelitian Peta Rencana Tata Ruang (Indonesian language) 																														

The following scheme provide illustration of the relation and dependencies of compulsory courses to studio works.

