Module Description

Module name:	Urban and Regional Transportation Maritime Planning
Module level, if applicable	-
Code, if applicable	343D5213
Subtitle, if applicable	-
Courses, if applicable	Urban and Regional Transportation Maritime Planning
Semester(s) in which the module is taught	5
Person responsible for the module	Dr. Techn. Yashinta Kumala Dewi S, ST., MIP
Lecturer	1. Dr. Techn. Yashinta Kumala Dewi S, ST., MIP 2. Ir. Muh. Fathien Azmy, M.Si
Language	Bahasa Indonesia
Relation to curriculum	This course is an elective course that is presented in the third year. This course supports students to focus on transportation from the principle to the formulate the plan.
Type of teaching	Learning methods consist of three types. Weeks 1 to 7 are conducted with interactive lecturers and small group discussions; week 9 to 15 are carried out using project-based learning/Case Study based learning methods and small group discussions. Week 8 and 16 are mid-exam and final exams which are conducted with group or individual presentations.
Workload	This course consists of 3 credits in one meeting/ week (1 credit consists of 50 minutes of face-to-face, 60 minutes of assignments/tutorials, and 60 minutes of self-study).
Credit points	3
Requirements according to the examination regulations	The number of student attendance is at least 80% of the total meeting.
Recommended prerequisites	-
Module objectives/intended learning outcomes	CLO 1. Students are able to explain principles, concepts, and standards of sustainable urban and regional transportation (supports ILO 1, PI:3/3) CLO 2. Students are able to discuss and evaluate the conditions of transportation both in urban and regional contexts, such as : issues, problems, and its solutions (supports ILO 2, PI:2/3 and ILO 3, PI: 2/3); CLO 3. Students are able to mastering models for transportation maritime planning based on analyzed, concepts, and principles of urban and regional transportation maritime planning. (supports ILO 4, PI:2/3, ILO 6, PI: 3/4).

<table>
<tr><td></td><td>The following table shows mapping of the ILO and CLO in this course:

<table><tr><td></td><td>ILO 1</td><td>ILO 2</td><td>ILO 3</td><td>ILO 4</td><td>ILO 6</td></tr><tr><td>CLO 1</td><td>x</td><td></td><td></td><td></td><td></td></tr><tr><td>CLO 2</td><td></td><td>x</td><td>x</td><td></td><td></td></tr><tr><td>CLO 3</td><td></td><td></td><td></td><td>x</td><td>x</td></tr></table></td></tr>
<tr><td>Content</td><td>This course focuses on mastering models for transportation planning, such as the notion of transportation, transportation elements, processes, and technical methods transportation maritime planning.</td></tr>
<tr><td>Study and examination requirements and forms of examination</td><td>This course will be graded as follows:
1. Midterms Exam (30%)
2. Final Exam (35%)
3. Quiz/discuss activities (15%)
4. Task/presentation (20%)

<table><tr><th>Percentage of Achievement</th><th>Grade</th><th>Conversion Value</th></tr><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></table></td></tr>
<tr><td>Media employed</td><td>SIKOLA, Zoom</td></tr>
<tr><td>Reading list</td><td>1. Ofyar, Z Tamin. 2003.“Perencanaan dan Pemodelan Transportasi: Contoh Soal dan Aplikasi”. Penerbit ITB. Bandung
2. Salim, Abbas. 1993. “Manajemen Transportasi”. Jakarta: PT. Raja Grafindo Persada.
3. Warpani, Suwardjoko, (1990), “Perencanaan Sistem Pengangkutan”, Penerbit ITB Bandung
4. Setijowarno, D., 2001, “Pengantar Sistem Transportasi”. Semarang. Penerbit Unika Soegijapranata.
5. LPM ITB. 1997. “Manajemen Lalu Lintas Perkotaan”, KBK Rekayasa Transportasi, Jurusan Teknik Sipil ITB, Bandung.
6. Vuchie Vukan R. 1981, “Urban Public Transportation”, New Jersey; Sytem and Technology Prentice-Hall Inc.
7. Morlok, E.K, 1995, “Pengantar Teknik dan Perencanaan Transportasi”, Penerbit Erlangga, Jakarta.
8. Black, J.A. 1981. “Urban Transport Planning: Theory and Practise”, London: Cromm Helm.
9. Fidel Miro. 1997, “Sistem Transportasi Kota, Bandung”; Penerbit Tarsito.
10. Abubakar, Iskandar. 1995. “Menuju Lalu Lintas dan Angkutan Jalan yang Tertib”. Jakarta: Direktorat Jenderal Perhubungan Darat</td></tr>
</table>

11. IHCM (1994). “Indonesian Highway Capacity Manual (Interuban and Motorway)”, Manual, Directorate General of Bina Marga, Department of Public Works.
12. IHCM (1997), “Indonesian Highway Capacity Manual (Urban Roads)”, Manual, Directorate General of Bina Marga, Department of Public Works.
13. Jean-Paul Rodrigue, Claude Comtois and Brian Slack. 2006, “The Geography of Transport Systems”. New York, Routledge.
14. Todd Litman. 2012. “Evaluating Transportation Land Use Impacts - Considering the Impacts, Benefits and Costs of Different Land Use Development Patterns”.Victoria. Victoria Transport Policy Institute
15. Todd Litman. 2011. “Economic Value of Walkability”. Victoria. Victoria Transport Policy Institute
16. Todd Litman. 2012. “Evaluating Public Transit Benefits and Costs”. Victoria. Victoria Transport Policy Institute
17. Todd Litman. 2011. “Land Use Impacts on Transport - How Land Use Factors Affect Travel Behavior”. Victoria. Victoria Transport Policy Institute