

Module Name	Transportation Geography
Module level, if applicable	
Code, if applicable	GEL 3316
Subtitle, if applicable	
Semester(s) in which the module	Fifth (5 th) Semester
Person responsible for the module	Dr. Djaka Marwasta, M.Si
Lecturer	Dr. Djaka Marwasta, M.Si Dr. Sri Rum Giyarsih, M.Si
Language	Bahasa Indonesia
Relation to curriculum	Elective
Type of teaching, contact hours	STAR (<i>Student Teacher Aesthetic Role-Sharing</i>) is an optimal combination between SCL (<i>Student Centered Learning</i>) and TCL (<i>Teacher Centered Learning</i>). Lecturer : 1.400 minutes
Workload	Lecturer, including homework and discussion = 14 meetings x 100 minutes each Examination = 2 meetings x 100 minutes each Total workload = 1.600 minutes
Credit points	2
Requirements according to the examination regulations	Must attended lecture for more than 70%
Recommended prerequisites	-
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. After following Scope of Transportation Study students are able to: understanding define geography transportation; scope and position transportation study in geography science; knowing growth of transportation study; knowing importance of transportation study 2. After following Themes in Transportation Study students are able to: knowing transportation as movement agent, agent of geographical change, economic factors, and social needs 3. After following Transportation Concept, students are able to: knowing travel classification, concept of distance, concept of circulation, and function of transportation in defining development region 4. After following Transportation Theory, students are able to: understanding and knowing Ullman concept, black hole theory, and shaft theory 5. After following Stages of Development Transportation students are able to: knowing and understanding development transportation in every stages 6. After following Advantages and Disadvantages Types of Mode Transportation students are able to: knowing advantages and disadvantages of mode transportation (highway transportation, rail transport, transportation piping, water transportation, and air transportation) 7. After following Preference of Transportation Facilities, students are able to : knowing and understanding

	<p>preference of transportation facilities (speed, safety, capacity, settings, alignment, accountability, comfort, agreed cost)</p> <p>8. After following Aspects of Transportation, students are able to: knowing and understanding role of transportation in development, demand and supply of transportation, and relation of transportation facilities and interaction between region</p> <p>9. After following Relation of Transportation and spatial, students are able to: knowing and understanding position transportation in spatial; understanding relation between transportation and land use; knowing derived needs, problems of transportation, purpose of transportation planning, and indicators of transport system performance</p>
Content	<ol style="list-style-type: none"> 1. Scope of Transportation Study 2. Themes in Transportation Study 3. Transportation Concept 4. Transportation Theory 5. Stages of Development Transportation 6. Advantages and Disadvantages Types of Mode Transportation 7. Preference of Transportation Facilities 8. Aspects of Transportation 9. Relation of Transportation and spatial
Study and examination requirements and forms of examination	<p>Pretest/Quiz (20 %), Seminar (20 %), Discussion (20%), Mid-term examination (20%) and Final Examination (20%). Examination formed in written test</p>
Media employed	<ul style="list-style-type: none"> - ELISA Website - Internet - Computers - Interactive video - LCD projector
Reading list	<p>Abler, Ronald, Adams and Gauld. 1972. <i>Spatial Organization The Geographer of the World</i>. New Jersey : Prentice Hall Inc.</p> <p>Abukasan, dan Jan Delima. 1974. <i>Perencanaan Transportasi</i>. Bandung : Institut Teknologi Bandung.</p> <p>Anonim. 1997. <i>Konsepsi Awal Sistem Transportasi Wilayah</i>. Jakarta : Departemen Perhubungan.</p> <p>Anthony J. Catanese, James C. Snyder dan Susongko. 1984. <i>Pengantar Perencanaan Kota</i>. Jakarta : Erlangga.</p> <p>Branch. 1995. <i>Perencanaan Kota Komprehensif (edisi terjemahan)</i>. Yogyakarta : Gadjah Mada Press.</p> <p>Hobbs. 1995. <i>Perencanaan dan Teknik Lalu Lintas</i>. Yogyakarta : Gadjah Mada Press.</p> <p>Hurst Eliot M (ed). 1974. <i>Transportation Geography</i>. New York : Mc Graw Hill Bank.</p>

	<p>Marbun, B.N,. 1990. <i>Kota Indonesia Masa Depan, Masalah dan Prospek</i>. Jakarta : Erlangga.</p> <p>Morlok, Edward. 1988. <i>Pengantar Teknik Perencanaan Transportasi</i>. Jakarta : Erlangga.</p> <p>Rustian Kamaluddin. 1986. <i>Ekonomi Transportasi</i>. Jakarta : Ghalia Indonesia.</p> <p>Schumer. 1974. <i>Planning for Public Transport</i>. London : Hutchinson.</p> <p>Susan Hanson(ed.). 1986. <i>The Geography of Urban Transportation</i>. New York : The Guilford Press.</p> <p>Tamin, Ofyar Z. (ed 2). 2000. <i>Perencanaan dan Permodelan Transportasi</i>. Bandung : ITB Press.</p> <p>Teaffe, E.J. and H.L. Ganthier. 1973. <i>Geography of Transportation</i>. New Yersey : Printice Hall.</p> <p>Warpani, Suwardjoko. 1984. <i>Analisis Kota dan Daerah</i>. Bandung : ITB Press.</p> <p>Warpani, Suwardjoko. 1990. <i>Merencanakan Sistem Perangkutan</i>. Bandung : ITB Press.</p>
--	--