

PROGRAM STUDI MAGISTER TEKNIK GEOMATIKA
MASTER OF GEOMATICS ENGINEERING



BUKU PEDOMAN MATA KULIAH *COURSES MODULE HANDBOOK*

SISTEM INFORMASI PERTANAHAN LANJUT
ADVANCED LAND INFORMATION SYSTEM

DEPARTEMEN TEKNIK GEOMATIKA
Fakultas Teknik Sipil, Perencanaan, dan Kebumihan

DEPARTMENT OF GEOMATICS ENGINEERING
Faculty of Civil Engineering, Planning, and Geo Engineering

INSTITUT TEKNOLOGI SEPULUH NOPEMBER

<p>Capaian Pembelajaran / Course Learning Outcomes</p> <p><i>Module objectives / Course learning outcomes</i></p>	<ol style="list-style-type: none"> 1. Mahasiswa mampu menjelaskan tentang pengetahuan konsep sistem informasi pertanahan 2. Mahasiswa mampu mengimplementasikan pengetahuan tentang sistem informasi untuk membuat aplikasi pertanahan dengan SIG 3. Mahasiswa mampu menyajikan dan menganalisa sistem informasi pertanahan 4. Mahasiswa mampu menjelaskan tentang Infrastruktur Informasi Pertanahan <ol style="list-style-type: none"> 1. <i>Students are able to explain knowledge of land information system concepts</i> 2. <i>Students are able to implement knowledge about information systems to create land applications with GIS</i> 3. <i>Students are able to present and analyze land information systems</i> 4. <i>Students are able to explain about Land Information Infrastructure</i> 																																																		
<p>CPL Prodi yang dibebankan <i>Learning outcomes and their corresponding to PLOs</i></p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>PLO.1</th> <th>PLO.2</th> <th>PLO.3</th> <th>PLO.4</th> <th>PLO.5</th> <th>PLO.6</th> <th>PLO.7</th> <th>PLO.8</th> <th>PLO.9</th> </tr> </thead> <tbody> <tr> <th>CLO.1</th> <td></td> <td></td> <td></td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <th>CLO.2</th> <td></td> <td></td> <td></td> <td></td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <th>CLO.3</th> <td></td> <td></td> <td></td> <td></td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <th>CLO.4</th> <td></td> <td></td> <td></td> <td></td> <td></td> <td>✓</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		PLO.1	PLO.2	PLO.3	PLO.4	PLO.5	PLO.6	PLO.7	PLO.8	PLO.9	CLO.1					✓					CLO.2					✓	✓				CLO.3					✓	✓				CLO.4						✓			
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<p>Mata kuliah wajib prasyarat <i>Mandatory prerequisites</i></p>	<p style="text-align: center;">-</p>																																																		
<p>Pokok Bahasan</p> <p><i>Content</i></p>	<ol style="list-style-type: none"> 1. Pengertian basis data 2. Sistem Pendaftaran Tanah 3. Peta pendaftaran tanah 4. Dasar-dasar Sistem Informasi Pertanahan 5. Infrastruktur Informasi Pertanahan <ol style="list-style-type: none"> 1. <i>Understanding database</i> 2. <i>Land Registration System</i> 3. <i>Land registration map</i> 4. <i>Basics of Land Information Systems</i> 5. <i>Land Information Infrastructure</i> 																																																		

Pembelajaran dan Persyaratan Ujian <i>Study and examination requirements and forms of examination</i>	<table border="1"> <thead> <tr> <th>Rencana Evaluasi</th> <th>Bobot Weight</th> </tr> </thead> <tbody> <tr> <td>Tugas 1 <i>Assignment 1</i></td> <td>25%</td> </tr> <tr> <td>Evaluasi Tengah Semester <i>Mid Semester Exam</i></td> <td>25%</td> </tr> <tr> <td>Tugas 2 <i>Assignment 2</i></td> <td>25%</td> </tr> <tr> <td>Evaluasi Akhir Semester <i>Final Semester Exam</i></td> <td>25%</td> </tr> </tbody> </table>		Rencana Evaluasi	Bobot Weight	Tugas 1 <i>Assignment 1</i>	25%	Evaluasi Tengah Semester <i>Mid Semester Exam</i>	25%	Tugas 2 <i>Assignment 2</i>	25%	Evaluasi Akhir Semester <i>Final Semester Exam</i>	25%
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Media yang digunakan <i>Media employed</i>												
Classical teaching tools with whiteboard and powerpoint presentation												
Daftar Pustaka <i>Reading list</i>												