

# **RENCANA PEMBELAJARAN SEMESTER IT GOVERNANCE**



**Disusun Oleh :**

**SEKOLAH TINGGI MANAJEMEN INFORMATIKA DAN KOMPUTER ROSMA**

**PROGRAM STUDI SISTEM INFORMASI**

**2020**

## **DIAGRAM ANALISIS HASIL PEMBELAJARAN MATAKULIAH IT GOVERNANCE**



**SEKOLAH TINGGI MANAJEMEN INFORMATIKA DAN KOMPUTER ROSMA  
PROGRAM STUDI SISTEM INFORMASI**

**RENCANA PEMBELAJARAN SEMESTER**

<b>MATA KULIAH</b>	<b>KODE</b>	<b>Rumpun Mata Kuliah</b>	<b>BOBOT(sks)</b>	<b>SEMESTER</b>	<b>Tgl Penyusunan</b>
IT Governance		Sistem Informasi	3		
<b>OTORISASI</b>	<b>Dosen Pengembang RPS</b>	<b>Koordinator RMK</b>	<b>Kepala Program Studi</b>		
			Lila Sertiyani, S.T, M.Kom		
<b>Capaian Pembelajaran (CP)</b>	<b>CPL-PRODI</b>				
	P4	Memiliki pengetahuan sesuai dengan capaian pembelajaran program studi S1 sistem Informasi			
	KU12	Memiliki kecakapan hidup sesuai capaian pembelajaran program studi Sistem Informasi			
	KK	Mampu mengembangkan teori serta metode atau teknik pada domain management and governance(MAGO) atau informatics concepts (INCO)			
	<b>CP-MK</b>				
	M1	IT Governance Concepts			
	M2	Frameworks to support effective IT governance			
	M3	Tools and Technologies to manage the IT governance Infrastructure			
	M4	Building and monitoring effective IT Governance System			
	M5	Monitoring and measuring enterprise management and board governance			
	M6	Governance and Enterprise objectives			
<b>Deskripsi Mata Kuliah</b>	Mata kuliah ini mengajarkan kepada mahasiswa tentang konsep dan praktek IT Governance				
<b>Materi Pembelajaran / Pokok Bahasan</b>	<b>SUB-CP-MK</b>				
	<ol style="list-style-type: none"> <li>1. Importance of IT governance for All Enterprise[M1]</li> <li>2. Fundamental governance concepts [M1]</li> <li>3. Enterprise Governance and GRC Tools[M1]</li> <li>4. IT Governance and COSO Internal Controls [M2]</li> <li>5. COBIT and the IT Governance Institute[M2]</li> <li>6. ITIL and IT Service Management Guidance[M2]</li> </ol>				

	7. IT Governance Standards : ISO 9001, 27002, and 38500 [M2] 8. IT Governance Issues : Risk Management, COSO ERM and OCEG Guidance[M2] 9. Cloud Computing, virtualization and Portable, Mobility Computing [M3] 10. Governance, IT Security, and Continuity Management[M3] 11. PCI DSS Standards and other IT Governance Rules [M3] 12. IT Service Catalogs : Realizing Greater Value From IT Operations[M3] 13. Importance of IT Service-Oriented Architecture for IT Governance System[M4] 14. IT Configuration and IT Portofolio Management [M4] 15. Application System Implementation and IT Governance [M4] 16. IT Governance Issue : Project and Program Manageemnt [M4] 17. Service Level Agreements, isSMF, Val IT, and Maximizing IT Invesments[M4] 18. Enterprise Content management[M5] 19. Internal Audit’s Governance Role [M5] 20. Creating and Sustining an etichal Workplace Culture[M6] 21. Impact of social media computing[M6] 22. IT Governance and the Audit Committee’s IT Role[M6]					
<b>Pustaka</b>	<b>Utama :</b>					
	Moeller, Robert R(2013). <a href="#">Executive’s Guide to IT Governance Improving System Processes</a> with Service Management, COBIT and ITIL. Canada : John Wiley & Sons, Inc					
	<b>Pendukung :</b>					
<b>Media Pembelajaran</b>	<b>Perangkat Lunak :</b>			<b>Perangkat Keras :</b>		
	Microsoft Word			Proyektor , Papan Tulis ,Spidol, Penghapus		
<b>Tema Teaching</b>						
<b>Matakuliah Syarat</b>						
<b>Mg Ke-</b>	<b>Sub-CP-MK (sbg kemampuan akhir yang diharapkan)</b>	<b>Indikator</b>	<b>Kriteria &amp; Bentuk Penilaian</b>	<b>Metode Pembelajaran [Estimasi Waktu]</b>	<b>Materi Pembelajaran [Pustaka]</b>	<b>Bobot Penilaian[%]</b>
1	Governance Concepts[C2, A2, P1]	Ketepatan dalam menjelaskan : <ul style="list-style-type: none"> <li>▪ Governance Concepts</li> </ul>	<b>Kriteria :</b> Ketepatan dan penguasaan	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ Importance of IT Governance for All Enterprise</li> </ul>	5%

			<b>Bentuk non-test</b> : Tanya jawab		<ul style="list-style-type: none"> <li>▪ Fundamental Governance Concepts</li> <li>▪ The road to effective GRC Principles</li> <li>▪ Importance of GRC Governance</li> <li>▪ Risk Management Component of GRC</li> <li>▪ GRC and Enterprise Compliance</li> <li>▪ Importance of effective GRC Practice and Principles</li> </ul>	
2	<ul style="list-style-type: none"> <li>▪ It Governance and COSO Internal Controls</li> <li>▪ COBIT and the IT Governance Institute [C2, A2, P1]</li> </ul>	Ketepatan dalam menjelaskan : <ul style="list-style-type: none"> <li>▪ It Governance and COSO Internal Controls</li> <li>▪ COBIT and the IT Governance Institute</li> </ul>	<b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk non-test</b> : Tanya jawab	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ Importance of effective internal controls and COSO</li> <li>▪ COSO Internal Control System Monitoring Guidance</li> <li>▪ An Executive’s introduction to COBIT</li> <li>▪ The COBIT Framework and its drivers</li> <li>▪ COBIT Principles 1 : Establish an Integrated IT Architecture Framework</li> <li>▪ COBIT Principle 2 : Stakeholder Value Drivers</li> <li>▪ COBIT Principle 3 : Focus on Business Context</li> </ul>	

					<ul style="list-style-type: none"> <li>▪ COBIT Principle 4 : Governance and Risk Management Enablers</li> <li>▪ COBIT Principle 5 : Governance and Management performance Measurement Structures</li> <li>▪ COBIT in Perspective</li> </ul>	
3	<ul style="list-style-type: none"> <li>▪ ITIL and IT Service Management Guidance [C2, A2, P1]</li> </ul>	Ketepatan dalam menjelaskan : <ul style="list-style-type: none"> <li>▪ ITIL and IT Service Management Guidance</li> </ul>	<b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk non-test :</b> Tanya jawab	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ ITIL Fundamentals</li> <li>▪ ITIL Service Strategy Components</li> <li>▪ ITIL Service Design</li> <li>▪ ITIL Service Transitions Management Process</li> <li>▪ ITL Service Operation Processes</li> <li>▪ IT Governance and ITL Service Delivery Best Practices Note</li> </ul>	5%
4	IT Governance Stanadards : ISO 9001, 27002, and 38500 [C2, A2, P1]	Ketepatan dalam menjelaskan : <ul style="list-style-type: none"> <li>▪ IT Governance Stanadards : ISO 9001, 27002, and 38500</li> </ul>	<b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk non-test :</b> Tanya jawab	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ ISO Standards Background</li> <li>▪ ISO 9000Quality Management Standards</li> <li>▪ ISO IT Security Standards : ISO 27002 and 27001</li> <li>▪ ISO 38500 IT Governance Standards</li> </ul>	5%
5	IT Governance Issue : Risk Management,	Ketepatan dalam menjelaskan :	<b>Kriteria :</b>	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi</li> </ul>	<ul style="list-style-type: none"> <li>▪ Risk Management Fundamentals</li> </ul>	10%

	COSO ERM, and OCEG Guidance [C2, A2, P1]	<ul style="list-style-type: none"> <li>IT Governance Issue : Risk Management, COSO ERM, and OCEG Guidance</li> </ul>	<p>Ketepatan dan penguasaan</p> <p><b>Bentuk non-test</b> :</p> <p>Tanya jawab</p>	[TM 3 x 50"]	<ul style="list-style-type: none"> <li>COSO ERM Definitions and Objectives : A portofolio view of risk</li> <li>COSO ERM Framework</li> <li>Other Dimension of the COSO ERM Framework</li> </ul>	
6	<ul style="list-style-type: none"> <li>Cloud Computing, Virtualization adn Portabel Mobility Computing</li> <li>Governace, IT security and Continuity Management. [C2, A2, P1]</li> </ul>	<p>Ketepatan dalam menjelaskan :</p> <ul style="list-style-type: none"> <li>Cloud Computing, Virtualization adn Portabel Mobility Computing</li> <li>Governace, IT security and Continuity Management.</li> </ul>	<p><b>Kriteria :</b></p> <p>Ketepatan dan penguasaan</p> <p><b>Bentuk non-test</b> :</p> <p>Tanya jawab</p>	<ul style="list-style-type: none"> <li>Kuliah dan diskusi [TM 3 x 50"]</li> </ul>	<ul style="list-style-type: none"> <li>Understanding Cloud Computing</li> <li>IT system and storage Management Virtualization</li> <li>Smartphone and Handheld IT device Governance Issue</li> <li>Importance of Effective IT Security Environment</li> <li>Enterprise IT Security Principles : Generally Accepted Security Standards</li> <li>Importance of an effective, enterprise-Wide Security strategy</li> <li>IT Continuity Planning</li> <li>The Buisness Continuity Plan and IT Governance</li> </ul>	10%

7	<ul style="list-style-type: none"> <li>▪ PCI DSS Standards and Other IT Governance Rule</li> <li>▪ IT service Catalogs : Realizing Greater Value From IT Operations [C2, A2, P1]</li> </ul>	<p>Ketepatan dalam menjelaskan :</p> <ul style="list-style-type: none"> <li>▪ PCI DSS Standards and Other IT Governance Rule</li> <li>▪ IT service Catalogs : Realizing Greater Value From IT Operations</li> </ul>	<p><b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk non-test :</b> Tanya jawab</p>	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ PCI DSS Background and Standards</li> <li>▪ Importance of IT service Catalogs</li> <li>▪ Role of a Service Catalogs in the IT service Provider Organization</li> <li>▪ An IT Service Catalogs Content and Features</li> <li>▪ IT service Catalog Management.</li> </ul>	5%
<b>UJIAN TENGAH SEMESTER</b>						
9	<ul style="list-style-type: none"> <li>▪ Importance of IT Service-Oriented Architecture for IT Governance Systems</li> <li>▪ IT Configuration and IT Portofolio Management [C2, A2, P1]</li> </ul>	<p>Ketepatan dan penguasaan dalam :</p> <ul style="list-style-type: none"> <li>▪ Importance of IT Service-Oriented Architecture for IT Governance Systems</li> <li>▪ IT Configuration and IT Portofolio Management</li> </ul>	<p><b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk Non Test :</b> Tanya jawab</p>	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ SOA application and Service-Driven IT Applications</li> <li>▪ SOA Governance, Internal Control Issue and Risks</li> <li>▪ Planning and Building an SOA Implementation Blueprint</li> <li>▪ SOA and IT Governance</li> <li>▪ IT Configuration Management Concepts</li> <li>▪ ITIL Best Practices for IT Configuration Management</li> <li>▪ The Configuration Management Database</li> </ul>	5%



10	<ul style="list-style-type: none"> <li>▪ Application System Implementation and IT Governance</li> <li>▪ IT Governance Issue : Project and Program Management[C2, A2, P1]</li> </ul>	<p>Ketepatan dan penguasaan dalam :</p> <ul style="list-style-type: none"> <li>▪ Application System Implementation and IT Governance</li> <li>▪ IT Governance Issue : Project and Program Management</li> </ul>	<p><b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk Non Test :</b> Tanya jawab</p>	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ The System Development Life Cycle : A basic Application Development Technique</li> <li>▪ IT Rapid Development Processes : Prototyping</li> <li>▪ ERP and IT Governance Process</li> <li>▪ The Project Management Process</li> <li>▪ PMBOK Stnadrads</li> <li>▪ IT System Portofolio and Program Management</li> <li>▪ The Program Management Office (PMO)</li> <li>▪ Project Management, The PMO, and IT Governance</li> </ul>	15%
11	<p>SLA, itSMF, Val IT, and Maximizing IT Invesment [C2, A2, P1]</p>	<p>Ketepatan dan penguasaan dalam memahami :</p> <ul style="list-style-type: none"> <li>▪ SLA, itSMF, Val IT, and Maximizing IT Invesment</li> </ul>	<p><b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk Non Test :</b> Tanya jawab</p>	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ ITIL Service Management Best Practice and the itSMF</li> <li>▪ Open Compliance and Ethics Groups standards</li> <li>▪ Val IT : Enhacing the value of IT Invesment</li> </ul>	5%
12	<ul style="list-style-type: none"> <li>▪ Enterprise Content Management</li> </ul>	<p>Ketepatan dan penguasaan dalam memahami :</p> <ul style="list-style-type: none"> <li>▪ Enterprise Content Management</li> </ul>	<p><b>Kriteria :</b> Ketepatan dan penguasaan</p>	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ ECM Characteristics and key components in the enterprise today.</li> </ul>	5%

	<ul style="list-style-type: none"> <li>▪ Internal Audit's Governace Role [C2, A2, P1]</li> </ul>	<ul style="list-style-type: none"> <li>▪ Internal Audit's Governace Role</li> </ul>	<p><b>Bentuk Non Test :</b> Tanya jawab</p>		<ul style="list-style-type: none"> <li>▪ ECM Processes and IT Governace</li> <li>▪ Creating and Effective ECM Environment in the Enterprise</li> <li>▪ Internal Auditing History and Background</li> <li>▪ Internal Auditing and the IT auditor</li> <li>▪ Internal Audit's IT governace Activities and Responsibilities</li> <li>▪ Internal Audit IT Governace Standards</li> <li>▪ Internal Audit IT governace Procedure</li> </ul>	
13	<ul style="list-style-type: none"> <li>▪ Creating dan sustaining an ethical workplace culture</li> <li>▪ Impact of social media computing</li> <li>▪ IT Governance and the audit committee's IT Role [C2, A2, P1]</li> </ul>	<p>Ketepatan dan penguasaan dalam memahami :</p> <ul style="list-style-type: none"> <li>▪ Creating dan sustaining an ethical workplace culture</li> <li>▪ Impact of social media computing</li> <li>▪ IT Governance and the audit committee's IT Role</li> </ul>	<p><b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk Non Test :</b> Tanya jawab</p>	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50"]</li> </ul>	<ul style="list-style-type: none"> <li>▪ Importance of Mission Statements</li> <li>▪ Enterprise Codes of Conduct</li> <li>▪ Whistleblower and hotline Functions</li> <li>▪ Launching an Ethics program and improving</li> <li>▪ What is Social media computing</li> <li>▪ Social media examples</li> <li>▪ Enterprise Social media Computing Risk and Vulnerabilities</li> <li>▪ Social media Police</li> </ul>	5%

					<ul style="list-style-type: none"> <li>▪ The Enterprise Audit Committee and IT Governance</li> <li>▪ Audit Committee IT governance Responsibilities</li> <li>▪ Audit Committee Briefings and IT Governance Issue</li> </ul>	
<b>14</b>	Project and Review [C2, A2, P1]	Ketepatan dan penguasaan dalam menjelaskan : <ul style="list-style-type: none"> <li>▪ Project and Review</li> </ul>	<b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk Non Test :</b> Tanya jawab	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ Project and Review</li> </ul>	5%
<b>15</b>	Project and Review [C2, A2, P1]	Ketepatan dan penguasaan dalam menjelaskan : <ul style="list-style-type: none"> <li>▪ Project and Review</li> </ul>	<b>Kriteria :</b> Ketepatan dan penguasaan <b>Bentuk Non Test :</b> Tanya jawab	<ul style="list-style-type: none"> <li>▪ Kuliah dan diskusi [TM 3 x 50”]</li> </ul>	<ul style="list-style-type: none"> <li>▪ Project and Review</li> </ul>	5%
<b>UJIAN AKHIR SEMESTER</b>						

Catatan :

- 1) TM : Tatap muka , BT : Belajar Terstruktur , BM : Belajar Mandiri
- 2) [TM 2x50”] dibaca : 2 sks x 50 menit = 150 menit
- 3) [BT+BM: (1x50”)]dibaca : belajar terstuktut dan mandiri 1x 50 menit
- 4) Mahasiswa memahami Governance Concepts [C2,A2,P2] : menunjukkan bahwa sub-CPMK ini mengandung kemampuan ranah taksonomi kognitif level 2(memahami), ranah taksonomi afektif level 2 (menanggapi) dan ranah taksonomi psikomotorik level 1(meniru)



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**RENCANA TUGAS MAHASISWA**

<b>MATA KULIAH</b>	<b>IT GOVERNANCE</b>				
<b>KODE</b>		<b>SKS</b>	<b>3</b>	<b>SEMESTER</b>	
<b>DOSEN PENGAMPU</b>					
<b>BENTUK TUGAS</b>					
<b>JUDUL TUGAS</b>					
<b>SUB CAPAIN PEMBELAJARAN MATA KULIAH</b>					
<b>DISKRIPSI TUGAS</b>					
<b>METODE Pengerjaan Tugas</b>	1.				
<b>BENTUK DAN FORMAT LUARAN</b>	a. Obyek garapan : b. Bentuk Luaran :				
<b>INDIKATOR , KRITERIA DAN BOBOT PENILAIAN</b>	a. Hasil analisis (%) b. Hasil dokumentasi (%)				
<b>JADWAL PELAKSANAAN</b>					
<b>LAIN - LAIN</b>	Tugas wajib				
<b>DAFTAR RUJUKAN</b>					



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**RENCANA UJIAN TENGAH SEMESTER MAHASISWA**

<b>MATA KULIAH</b>	<b>IT GOVERNANCE</b>			
<b>KODE</b>		<b>SKS</b>	<b>3</b>	<b>SEMESTER</b>
<b>DOSEN PENGAMPU</b>				
<b>BENTUK UJIAN TENGAH SEMESTER</b>				
<b>JUDUL UJIAN TENGAH SEMESTER</b>				
<b>DISKRIPSI UJIAN TENGAH SEMESTER</b>				
<b>METODE UJIAN TENGAH SEMESTER</b>				
<b>BENTUK DAN FORMAT LUARAN</b>				
a. Obyek garapan :				
b. Bentuk Luaran :				
<b>INDIKATOR , KRITERIA DAN BOBOT PENILAIAN</b>				
Hasil analisis (100%)				
<b>JADWAL PELAKSANAAN</b>				
<b>LAIN - LAIN</b>				
<b>DAFTAR RUJUKAN</b>				



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**RENCANA UJIAN AKHIR SEMESTER MAHASISWA**

<b>MATA KULIAH</b>	<b>IT GOVERNANCE</b>				
<b>KODE</b>		<b>SKS</b>	<b>3</b>	<b>SEMESTER</b>	
<b>DOSEN PENGAMPU</b>					
<b>BENTUK UJIAN AKHIR SEMESTER</b>					
<b>JUDUL UJIAN AKHIR SEMESTER</b>					
<b>DISKRIPSI UJIAN AKHIR SEMESTER</b>					
<b>METODE UJIAN AKHIR SEMESTER</b>					
1.					
<b>BENTUK DAN FORMAT LUARAN</b>					
a. Obyek garapan :					
b. Bentuk Luaran :					
<b>INDIKATOR , KRITERIA DAN BOBOT PENILAIAN</b>					
<b>JADWAL PELAKSANAAN</b>					
<b>LAIN - LAIN</b>					
<b>DAFTAR RUJUKAN</b>					