



Bachelor Degree Program Department of Biomedical Engineering

Faculty of Intelligent Electrical Technology and Informatics
Institut Teknologi Sepuluh Nopember

MODULE HANDBOOK

ISLAM 1

Module name	Islam	
Module level	Undergraduate	
Code	UG234901	
Course (if applicable)	Islamic Study	
Semester	VII	
Person responsible for the module		
Lecturer	ITS Islamism Lecturer Team	
Language	Bahasa Indonesia	
Relation to curriculum	Undergraduate degree program, mandatory , 1 st /2 nd semester.	
Type of teaching, contact hours	Presentation, <60 students	
Workload	1. Presentation : 3 x 50 = 150 minutes per week. 2. Exercises and Assignments : 2 x 60 = 120 minutes (2 hours) per week. 3. Private learning : 2 x 60 = 120 minutes (2 hours) per week.	
Credit points	3 credit points (sks)	
Requirements according to the examination regulations	A student must have attended at least 75% of the Presentation to sit in the exams.	
Mandatory prerequisites	-	
Learning outcomes and their corresponding PLOs	Course Learning Outcome (CLO) after completing this module, CLO 1 Able to explain the essence of human relations with Allah, with fellow humans and with the nature in a Qur'ani paradigm (KK.1);	PLO S1, S2, KU1, KU5
	CLO 2 Able to present the results of conceptual and / or empirical studies related to the essence and urgency of Islamic spirituality values as one of the determinants in the development of a nation with character (KK.2);	PLO S1, S2, S8, KU1, KU5
	CLO 3 Able to be consistent with the coherence of the principles of Islamic teachings as the implementation of Iman, Islam and Ihsan in forming Insan Kamil (KK.3);	PLO S1, S2, S8, KU1, KU2, KU11

	CLO 4 Skilled in presenting the results of individual and group studies regarding a case (case study) related to the contribution of Islam in development of world civilization (KK.4);	PLO S1, S2, S8, KU1, KU2, KU11
	CLO 5 Skilled in analyzing the problem of optimizing the role of the mosque as a center for the development of Islamic culture and a place to manifest prosperity of the ummah (KK.5).	PLO S1, S2, S8, KU2, KU11
	CLO 6 Able to understand the essence of Islamic Religious Education as a component of the General Compulsory Course and its urgency as spiritual values which are one of the determinants in the development of national character (P.1);	PLO S1, S2, S8
	CLO 7 Able to master the substance of religion as one of the basic components of national unity and integrity within the NKRI (P.2);	PLO S1, S2, S8
	CLO 8 Able to understand the correlation of the sources of Islamic teachings and their contextualization in modern life as the Islamic teachings of rahmatan lil alamin (P.3);	PLO S1, S2, S8
	CLO 9 Able to master the application of Islamic concepts on science and technology, arts, socio-culture, politics, economics, and prosperity problems (P.4);	PLO S1, S2, S8, KU1, KU5, KU11
	CLO 10 Able to understand the contribution of Islam in the development of world civilization, and to master the strategy of optimizing the role and function of mosques as a center for the development of Islamic culture (P.5).	PLO S1, S2, S8, KU1, KU5, KU11
Content	1. Building Qur'anic Paradigm 2. Believing in God as a Human Nature 3. Integration of Faith, Islam and Ihsan in Forming Insan Kamil 4. Religion Ensures Happiness 5. Grounding Islam in Indonesia 6. Islam Builds Unity in Diversity 7. Effectiveness of Management of Zakat and Waqf (Islamic Philanthropy) 8. Optimizing the Role and Function of Mosque for the prosperity of the Ummah 9. Islam Faces the Challenges of Modernization (Islam and Science and Technology) 10. Contribution of Islam in the Development of World Civilization	

Study and examination requirements and forms of examination	Independent Assignments, Written Exams (Quiz, ETS, EAS).
Media employed	LCD, whiteboard, websites (myITS Classroom), zoom.
Reading list	Main : 1. Dirjen Pembelajaran dan Kemahasiswaan Kemenristekdikti, Pendidikan Agama Islam untuk Perguruan Tinggi, Jakarta, Dirjen Belmawa, 2016. Link download: https://ltdikti11.ristekdikti.go.id 2. Wahyuddin, Pendidikan Agama Islam Membangun Karakter Mahasiswa di Perguruan Tinggi, Surabaya, ITS Press, 2019. 3. Saifulloh, Moh, dkk, Pendidikan Agama Islam Membangun Karakter Madani, Surabayaa, CV Lentera Jannata, 2016. Supporting : 1. Zaenal Aushop, Asep . Islamic Character Building, Membangun Insan Kamil Cendekia Berakhlak Qurani, Bandung: Salamadani, 2014. 2. Razaq, Nasruddin, Dinnul Islam, Bandung, Al-Ma,arif, 2005. 3. Imarah, Muhammad, Islam dan Pluralitas Perbedaan dan Kemajemukan dalam Bingkai Persatuan, Jakarta, Gema Insani, 1999

I. Rencana Pembelajaran Semester / *Semester Learning Plan*

		INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS) FACULTY OF INTELLIGENT ELECTRICAL AND INFORMATICS TECHNOLOGY DEPARTMENT OF BIOMEDICAL ENGINEERING				Docum ent Code
SEMESTER LEARNING PLAN						
MATA KULIAH (MK) COURSE		KODE CODE	Rumpun MK Course Cluster	BOBOT (sks) Credits		SEMESTER Tgl Penyusunan Compilation Date
Agama Islam <i>Islamic Study</i>		UG234901	SPKB <i>SPKB</i>	T=2	P=0	VII 15 Juli 2020 July 15 th , 2020
OTORISASI / PENGESAHAN AUTHORIZATION / ENDORSEMENT		Dosen Pengembang RPS Developer Lecturer of Semester Learning Plan		Koordinator RMK Course Cluster Coordinator		Ka DEPARTEMEN Head of Department
Capaian Pembelajaran Learning Outcomes	CPL-PRODI yang dibebankan pada MK PLO Program Charged to The Course					
	S1 <i>S1</i>	Bertaqwa kepada Tuhan Yang Maha Esa dan mampu menunjukkan sikap religius <i>Believe in Almighty God and able to show a religious attitude</i>				
	S2 <i>S2</i>	Menjunjung tinggi nilai kemanusiaan dalam menjalankan tugas berdasarkan agama, moral dan etika <i>Upholding humanity values in carrying out duties based on religion, morals and ethics</i>				
	S8 <i>S8</i>	Menginternalisasi nilai, norma, dan etika akademik <i>Internalizing academic values, norms and ethics</i>				
	KU1 <i>KU1</i>	Mampu menerapkan pemikiran logis, kritis, sistematis, dan inovatif dalam konteks pengembangan atau implementasi ilmu pengetahuan dan teknologi yang memperhatikan dan menerapkan nilai humaniora yang sesuai dengan bidang keahliannya <i>Able to apply logical, critical, systematic, and innovative thinking in the context of the development or implementation of science and technology that keep and apply humanities values in their field of expertise</i>				

	KU2 KU2	Mampu menunjukkan kinerja mandiri, bermutu, dan terukur <i>Able to demonstrate independent, excellent and measurable performance</i>
	KU5 KU5	Mampu mengambil keputusan secara tepat dalam konteks penyelesaian masalah di bidang keahliannya, berdasarkan hasil analisis informasi dan data <i>Able to make appropriate decisions in the context of problem solving in their area of expertise, based on the results of information and data analysis</i>
	KU11	Mampu mengimplementasikan prinsip keberlanjutan (sustainability) dalam mengembangkan pengetahuan <i>Able to implement the principles of sustainability in developing knowledge</i>
	Capaian Pembelajaran Mata Kuliah (CPMK) Course Learning Outcome (CLO) - If CLO as description capability of each Learning Stage in the course, then CLO = LLO	
	CP MK 1/Sub CPMK1 CLO 1/Sub CLO1	Mampu menjelaskan esensi relasi manusia dengan Allah, dengan sesama manusia dan dengan lingkungan alam dalam paradigma Qur'ani (KK.1); <i>Able to explain the essence of human relations with Allah, with fellow humans and with the nature in a Qur'ani paradigm (KK.1);</i>
	CP MK 2/Sub CPMK2 CLO 2/Sub CLO2	Mampu menyajikan hasil penelaahan konseptual dan/atau empiris terkait esensi dan urgensi nilai-nilai spiritualitas Islam sebagai salah satu determinan dalam pembangunan bangsa yang berkarakter (KK.2); <i>Able to present the results of conceptual and / or empirical studies related to the essence and urgency of Islamic spirituality values as one of the determinants in the development of a nation with character (KK.2);</i>
	CP MK 3/Sub CPMK3 CLO 3/Sub CLO3	Mampu bersikap secara konsistensi terhadap koherensi pokok-pokok ajaran Islam sebagai implementasi Iman, Islam, dan Ihsan dalam membentuk Insan Kamil (KK.3); <i>Able to be consistent with the coherence of the principles of Islamic teachings as the implementation of Iman, Islam and Ihsan in forming Insan Kamil (KK.3);</i>
	CP MK 4/Sub CPMK4	Terampil menyajikan hasil kajian individual maupun kelompok mengenai suatu kasus (studi kasus) terkait kontribusi Islam dalam perkembangan peradaban dunia (KK.4);

	CLO 4/Sub CLO4	<i>Skilled in presenting the results of individual and group studies regarding a case (case study) related to the contribution of Islam in development of world civilization (KK.4);</i>
	CP MK 5/Sub CPMK5 CLO 5/Sub CLO5	Terampil menganalisis permasalahan optimalisasi peran masjid sebagai pusat pengembangan budaya islam, dan wadah perwujudan kesejahteraan umat (KK.5). <i>Skilled in analyzing the problem of optimizing the role of the mosque as a center for the development of Islamic culture and a place to manifest prosperity of the ummah (KK.5).</i>
	CP MK 6/Sub CPMK6 CLO 6/Sub CLO6	Mampu memahami esensi Pendidikan Agama Islam sebagai komponen Mata Kuliah Wajib Umum dan urgensinya sebagai nilai-nilai spiritualitas yang menjadi salah satu determinan dalam pembangunan karakter bangsa (P.1) <i>Able to understand the essence of Islamic Religious Education as a component of the General Compulsory Course and its urgency as spiritual values which are one of the determinants in the development of national character (P.1);</i>
	CP MK 7/Sub CPMK7 CLO 7/Sub CLO7	Mampu menguasai substansi agama sebagai salah satu komponen dasar persatuan dan kesatuan bangsa dalam wadah Negara Kesatuan Republik Indonesia (P.2) <i>Able to master the substance of religion as one of the basic components of national unity and integrity within the NKRI (P.2);</i>
	CP MK 8/Sub CPMK8 CLO 8/Sub CLO8	Mampu memahami korelasi sumber ajaran Islam dan kontekstualisasinya dalam kehidupan modern sebagai ajaran islam yang rahmatan lil alamin (P.3); <i>Able to understand the correlation of the sources of Islamic teachings and their contextualization in modern life as the Islamic teachings of rahmatan lil alamin (P.3);</i>
	CP MK 9/Sub CPMK9 CLO 9/Sub CLO9	Mampu menguasai aplikasi konsep Islam tentang IPTEK, seni, sosial-budaya, politik, ekonomi, dan masalah kesejahteraan umat (P.4) <i>Able to master the application of Islamic concepts on science and technology, arts, socio-culture, politics, economics, and prosperity problems (P.4);</i>

Diskripsi Singkat MK <i>Short Description of Course</i>	Mata kuliah Pendidikan Agama Islam ini merupakan mata kuliah wajib umum yang membahas dan mendalami materi-materi dengan substansi relasi manusia dengan Allah untuk mewujudkan generasi bertakwa dengan paradigma Qur'ani; relasi manusia dengan sesama manusia dalam rangka mengintegrasikan Iman, Islam dan Ihsan; serta relasi manusia dengan lingkungannya dalam rangka membumikan Islam untuk mewujudkan kesejahteraan. Dengan demikian lahirilah generasi religius, humanis, berwawasan luas dan memiliki kepedulian. <i>The Islamic Religious Education course is a general compulsory subject that discusses and explores materials with the substance of human relations with Allah to create a generation that is fearful with the Qur'anic paradigm; human relations with fellow human beings in order to integrate faith, Islam and Ihsan; and human relations with the environment in order to ground Islam to create prosperity. Thus was born a generation who religious, humanist, broad-minded and caring.</i>
Bahan Kajian: Materi pembelajaran <i>Course Materials:</i>	1. Membangun Paradigma Qur'ani 2. Fitrah Manusia Bertuhan 3. Integrasi Iman, Islam dan Ihsan dalam Membentuk Insan Kamil 4. Agama Menjamin Kebahagiaan 5. Membumikan Islam di Indonesia 6. Islam Membangun Persatuan dalam Keberagaman 7. Efektifitas Pengelolaan Zakat dan Wakaf (Filantropi Islam) 8. Optimalisasi Peran dan Fungsi Masjid untuk Kesejahteraan Umat 9. Islam Menghadapi Tantangan Modernisasi (Islam dan IPTEKS) 10. Kontribusi Islam dalam Pengembangan Peradaban Dunia 1. <i>Building Qur'anic Paradigm</i> 2. <i>Believing in God as a Human Nature</i> 3. <i>Integration of Faith, Islam and Ihsan in Forming Insan Kamil</i> 4. <i>Religion Ensures Happiness</i> 5. <i>Grounding Islam in Indonesia</i> 6. <i>Islam Builds Unity in Diversity</i> 7. <i>Effectiveness of Management of Zakat and Waqf (Islamic Philanthropy)</i> 8. <i>Optimizing the Role and Function of Mosque for the prosperity of the Ummah</i> 9. <i>Islam Faces the Challenges of Modernization (Islam and Science and Technology)</i>

		10. Contribution of Islam in the Development of World Civilization					
Pustaka		Utama / Main:					
References		1. Dirjen Pembelajaran dan Kemahasiswaan Kemenristekdikti, Pendidikan Agama Islam untuk Perguruan Tinggi, Jakarta, Dirjen Belmawa, 2016. Link download: https://lldikti11.ristekdikti.go.id 2. Wahyuddin, Pendidikan Agama Islam Membangun Karakter Mahasiswa di Perguruan Tinggi, Surabaya, ITS Press, 2019. 3. Saifulloh, Moh, dkk, Pendidikan Agama Islam Membangun Karakter Madani, Surabayaa, CV Lentera Jannata, 2016					
		Pendukung / Supporting:					
		1. Zaenal Aushop, Asep . Islamic Character Building, Membangun Insan Kamil Cendekia Berakhlak Qurani, Bandung: Salamadani, 2014. 2. Razaq, Nasruddin, Dinnul Islam, Bandung, Al-Ma,arif, 2005. 3. Imarah, Muhammad, Islam dan Pluralitas Perbedaan dan Kemajemukan dalam Bingkai Persatuan, Jakarta, Gema Insani, 1999					
Dosen Pengampu Lecturers		ITS Islamics Team Lecturer					
Matakuliah syarat Prerequisite		-					
Mg ke/ Week	Kemampuan akhir tiap tahapan belajar (Sub-CPMK) / Final ability of each learning stage (LLO)	Penilaian / Assessment		Bentuk Pembelajaran; Metode Pembelajaran; Penugasan Mahasiswa; [Estimasi Waktu] / Form of Learning; Learning Method; Student Assignment; [Estimated Time]		Materi Pembelajaran [Pustaka] / Learning Material [Reference]	Bobot Penilaian /Assess-ment Load (%)
		Indikator / Indicator	Kriteria & Teknik / Criteria & Techniques				
(1)	(2)	(3)	(4)	Tatap Muka / In-class (5)	Daring / Online (6)	(7)	(8)
1-2	[C4,A2][Conceptual knowledge, Analyze]:	Ketepatan menjelaskan relasi manusia dengan	Presentasi: Keterampilan presentasi.	Kuliah Pengantar, Brainstorming	Kuliah Pengantar, Brainstorming	Pendahuluan Kontrak Kuliah	10

• Mampu menjelaskan esensi relasi manusia dengan Allah, dengan sesama manusia dan dengan lingkungan alam sesuai paradigma Qur'ani <i>[C4, A2] [Conceptual knowledge, Analyze]:</i> • <i>Able to explain the essence of human relations with Allah, with fellow humans and with the nature in a Qur'ani paradigm (KK.1);</i>	Allah, dengan sesama manusia, dan dengan alam sesuai paradigma Qur'ani • Analisis dalam berfikir dan bersikap sesuai dengan paradigma Qur'ani terkait hubungan dengan Allah, sesama manusia, dan lingkungan alam • <i>Accuracy in explaining human relations with Allah, with fellow humans, and with nature according to the Qur'anic paradigm</i> • <i>Analysis in thinking and behaving in accordance with the Qur'anic paradigm regarding relationships with Allah, fellow humans, and the nature</i>	• Konten penjelasan. <i>Presentation:</i> • <i>Presentation skills.</i> • <i>Explanatory content.</i>	• Diskusi [TM: 2x(2sksx50'')] • Tugas 1: Membaca, menghafal surat tertentu dari Al-Qur'an dan mentoring • Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60'')] • <i>Introductions, Brainstorming</i> • <i>Discussion [TM: 2x (2sksx50 '')]</i> • <i>Assignment 1: Read, memorize certain surah from the Al-Quran and mentoring</i>	• Diskusi MyITS-Classroom: sinkronous dan asinkronous [TM: 2x(2sksx50'')] • Tugas 1: Membaca, menghafal surat tertentu dari Al-Qur'an dan mentoring • Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60'')] • <i>Introductions, Brainstorming</i> • <i>Discussion via MyITS Classroom: synchorous and asynchronous [TM: 2x (2sksx50 '')]</i>	• Membangun Paradigma Qur'ani Pustaka: Buku utama dan penunjang Link Referensi: https://lldikti11.ris.tekdikti.go.id • <i>Introduction Study Contract</i> • <i>Building a Qur'anic Paradigm</i> <i>Library: Main and supporting books</i> <i>Reference Link: https://lldikti11.ris.tekdikti.go.id</i>	
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				• <i>Assignment 2: Make a paper (literary and case study)</i> <i>[PT + BM: (2 + 2) x (2x60 ")]</i>	• <i>Assignment 1: Read, memorize certain surah from the Al-Quran and mentoring</i> • <i>Assignment 2: Make a paper (literary and case study)</i> <i>[PT + BM: (2 + 2) x (2x60 ")]</i>		
3-4	[C4,P2,A3][Conceptual knowledge, Analyze]: • Mahasiswa mampu menjelaskan esensi dan urgensi nilai-nilai spiritualitas Islam secara konseptual dan empiris sebagai salah satu pondasi pembangunan bangsa yang berkarakter • Mampu menjelaskan dan menganalisis secara konsistensi terhadap koherensi pokok-pokok ajaran Islam sebagai implementasi Iman, Islam,	• Ketepatan menjelaskan esensi dan urgensi nilai-nilai spiritualitas Islam dalam membangun karakter bangsa • Ketepatan menjelaskan konsep Iman, Islam, dan Ihsan secara baik dan benar sebagai upaya membentuk Insan kamil • Keterampilan dalam menganalisis dan mengimplementasikan esensi ajaran Islam,	Presentasi Makalah: • Keterampilan presentasi. • Konten penjelasan Tes lisan: • Keterampilan membaca dan menghafalan Al-Qur'an <i>Paper Presentation:</i> • <i>Presentation skills.</i> • <i>Explanatory content</i>	• Kuliah • Diskusi Kelompok • Presentasi Tugas <i>[TM: 2x(2sksx50")]</i> • Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring • Tugas 2: Membuat makalah (literer dan studi kasus)	• Kuliah • Diskusi Kelompok • Presentasi Tugas MyITS-Classroom: sinkronous dan asinkronous; <i>[TM: 2x(2x50")]</i> • Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring	• Fitrah Manusia Bertuhan • Integrasi Iman, Islam dan Ihsan dlm membangun Insan Kamil Pustaka: Buku utama dan penunjang Link Buku Referensi: https://lldikti11.ri.s tekdikti.go.id • <i>Believe in God as Human Nature</i>	10

	dan Ihsan dalam membentuk Insan Kamil <i>[C4, P2, A3] [Conceptual knowledge, Analyze]:</i> • <i>Students are able to explain the essence and urgency of Islamic spirituality values conceptually and empirically as one of the foundations for building a nation with character</i> • <i>Able to explain and analyze consistency to the coherence of the principles of Islamism as the implementation of Faith, Islam and Ihsan in forming Insan Kamil</i>	iman, dan ihsan dalam kehidupan sehari-hari • <i>Accuracy in explaining the essence and urgency of Islamic spirituality values in building national character</i> • <i>Accuracy in explaining the concepts of Iman, Islam, and Ihsan properly and correctly as an effort to form an individual</i> • <i>Skills in analyzing and implementing the essence of Islam, faith, and ihsan in daily life</i>	<i>Oral test:</i> • <i>Skills to read and memorize Al-Qur'an</i>	[PT+BM:(2+2)x(2x 60")] • <i>Presentation</i> • <i>Group discussion</i> • <i>Presentation of Assignments</i> [TM: 2x (2sksx50 ")]] • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2: Make a paper (literary and case study)</i> [PT + BM: (2 + 2) x (2x60 ")]]	• <i>Tugas 2: Membuat makalah (literer dan studi kasus)</i> [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussion</i> • <i>Task Presentation via MyITS-Classroom: synchronous and asynchronous;</i> [TM: 2x (2x50 ")]] • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2: Writing papers (literary and case studies)</i>	• <i>Integration of Faith, Islam and Ihsan in building Insan Kamil</i> <i>References: Main and supporting books</i> <i>Reference Book</i> <i>Link: https://lldikti11.ris.tekdikti.go.id</i>	
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					<i>[PT + BM: (2 + 2) x (2x60 ")]</i>		
5-6	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu memahami bahwa agama sebagai sumber kebahagiaan dan dapat menerapkan dalam kehidupan modern • Mampu memahami konsep dan strategi membumikan Islam di Indonesia dengan menerapkan ajaran islam yang rahmatan lil alamin <i>[C4, P3, A3] [Conceptual knowledge, Analyze]:</i> • <i>Able to understand that religion is a source of happiness and can apply it in modern life</i> • <i>Able to understand concepts and strategies of grounding Islam in Indonesia by applying the Islamic teachings that rahmatan lil alamin</i>	• Ketepatan menjelaskan bahwa agama dapat menjamin kebahagiaan dan dapat menerapkan dalam kehidupan modern • Ketepatan menjelaskan strategi membumikan Islam di Indonesia • Ketepatan memberikan contoh kontekstualisasi ajaran Islam rahmatan lil alamin dalam kehidupan modern • <i>Accuracy in explaining that religion can guarantee happiness and can be applied in modern life</i> • <i>Accuracy in explaining the strategy for</i>	Presentasi Makalah: • Keterampilan presentasi. • Konten penjelasan. Tes lisan: • Ketrampilan membaca dan menghafalan Al-Qur'an <i>Paper Presentation:</i> • <i>Presentation skills.</i> • <i>Explanatory content.</i> <i>Oral test:</i> • <i>Skills to read and memorize Al-Qur'an</i>	• Kuliah • Diskusi Kelompok • Presentasi Tugas [TM: 2x(2sksx50")] • Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring • Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussion</i> <i>Task [TM: 2x (2sksx50 ")]</i> • <i>Task 1: Read, memorize certain letters</i>	• Kuliah • Diskusi Kelompok • Presentasi Tugas MyITS-Classroom: sinkronous dan asinkronous; [TM: 2x(2x50")] • Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring • Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussion</i>	• Agama Menjamin Kebahagiaan • Membumikan Islam di Indonesia Pustaka: Buku utama dan penunjang Link Buku Referensi: https://lldikti11.ris.tekdikti.go.id • <i>Religion Ensures Happiness</i> • <i>Ground Islam in Indonesia</i> <i>References: Main and supporting books</i> <i>Reference Book Link: https://lldikti11.ris.tekdikti.go.id</i>	10

		<i>grounding Islam in Indonesia</i> • Accuracy in providing examples of the contextualization of Islam rahmatan lil alamin teachings in modern life		<i>from the AlQuran and mentoring</i> • Task 2: Make a paper (literary and case study) • [PT + BM: (2 + 2) x (2x60 ")]	• MyITS-Classroom Task Presentation: synchronous and asynchronous; [TM: 2x (2x50 ")] • Task 1: Read, memorize certain letters from the AlQuran and mentoring • Task 2: Make a paper (literary and case study) [PT + BM: (2 + 2) x (2x60 ")]		
7	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu menguasai substansi agama Islam sebagai salah satu komponen dasar dalam membangun persatuan dan kesatuan bangsa dalam wadah Negara	• Ketepatan menjelaskan substansi agama sebagai pemersatu bangsa dalam wadah NKRI • Ketepatan menganalisis dan membuat solusi pemecahan masalah	Presentasi Makalah: • Keterampilan presentasi. • Konten penjelasan. Tes lisan: • Ketrampilan membaca dan menghafalan Al-Qur'an	• Kuliah • Diskusi Kelompok • Presentasi Tugas [TM: 2x(2sksx50")] • Tugas 1: Membaca, menghafal surat tertentu	• Kuliah • Diskusi Kelompok • Presentasi Tugas MyITS-Classroom: sinkronous dan asinkronous; [TM: 2x(2x50")]	• Islam Membangun Persatuan dalam Keberagaman Pustaka: Buku utama dan penunjang Link Referensi: https://lldikti11.ris.tekdikti.go.id	5

	Kesatuan Republik Indonesia <i>[C4, P3, A3] [Conceptual knowledge, Analyze]:</i> • <i>Able to master the substance of Islam as one of the basic components in building national unity and integrity within NKRI</i>	terkait isu-isu agama dalam NKRI • <i>Accuracy in explaining the substance of religion to unify nation in NKRI</i> • <i>Accuracy in analyzing and providing solutions of problems related to religious issues in the Republic of Indonesia</i>	• <i>Paper presentation: Presentation skills.</i> • <i>Explanatory content.</i> <i>Oral test:</i> • <i>Skills to read and memorize the Qur'an</i>	dari AlQur'an dan mentoring • <i>Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")]</i> • <i>Presentation</i> • <i>Group discussion</i> • <i>Presentation of Assignments [TM: 2x (2sksx50 ")]</i> • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2: Make a paper (literary and case study)</i> • <i>[PT + BM: (2 + 2) x (2x60 ")]</i>	• <i>Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring</i> • <i>Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")]</i> • <i>Presentation</i> • <i>Group discussion</i> • <i>Task Presentation via MyITS-Classroom: synchronous and asynchronous; [TM: 2x (2x50 ")]</i> • <i>Task 1: Reading, memorizing certain surah from the</i>	• <i>Islam Building Unity in Diversity</i> <i>References: Main and supporting books</i> <i>Link: https://lldikti11.ris.tekdikti.go.id</i>	
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					<i>AlQuran and mentoring</i> - Task 2: <i>Writing papers (literary and case studies)</i> [PT + BM: (2 + 2) x (2x60 ")]		
8	EVALUASI TENGAH SEMESTER MID-TERM EXAM						20
9-10	[C4,P3,A3] [Conceptual knowledge, Analyze]: - Mampu menguasai konsep zakat, infaq, shodaqoh dan wakaf dalam untuk kemaslahatan umat - Mampu mengefektifkan mengelolah zakat, infaq, shodaqoh dan wakaf secara baik dan benar sesuai syariat Islam [C4, P3, A3] [Conceptual knowledge, Analyze]: - Able to master the concepts of zakat, infaq,	- Ketepatan menjelaskan konsep zakat, infaq, shodaqoh dan wakaf untuk kemaslahatan umat - Keterampilan menganalisis pengelolahn zakat, infaq, shodaqoh dan wakaf secara baik dan benar sesuai syariat Islam - Accuracy in explaining the concepts of zakat, infaq, shodaqoh and	Presentasi Makalah: - Keterampilan presentasi. - Konten penjelasan. Tes lisan: - Ketrampilan membaca dan menghafalan Al-Qur'an Paper presentation: - Presentation skills. - Explanatory content. Oral test:	- Kuliah - Diskusi Kelompok - Presentasi Tugas [TM: 2x(2sksx50")] - Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring - Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x 60")]	- Kuliah - Diskusi Kelompok - Presentasi Tugas MyITS-Classroom: sinkronous dan asinkronous; [TM: 2x(2x50")] - Tugas 1: Membaca, menghafal surat tertentu dari alQur'an dan mentoring - Tugas 2: Membuat	- Efektifitas Pegelolahan Zakat dan Wakaf Pustaka: Buku utama dan penunjang Link Referensi: https://lldikti11.ris.tekdikti.go.id <i>The Effectiveness of Zakat and Waqf Management:</i> Main and supporting books Reference	5

	<i>shodaqoh and waqf for the benefit of the ummah</i> • <i>Able to effectively manage zakat, infaq, shodaqoh and waqf properly and correctly according to Islamic law</i>	<i>waqf for the benefit of the people</i> • <i>Skills to analyze the management of zakat, infaq, shodaqoh and waqf properly and correctly according to Islamic law</i>	• <i>Skills to read and memorize the Qur'an</i>	• <i>Presentation</i> • <i>Group discussion</i> • <i>Presentation of Assignments [TM: 2x (2sksx50 ")]]</i> • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2: Make a paper (literary and case study)</i> • <i>[PT + BM: (2 + 2) x (2x60 ")]]</i>	makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussions</i> • <i>Presentation of MyITS-Classroom assignments: synchronous and asynchronous; [TM: 2x (2x50 ")]]</i> • <i>Task 1: Read, memorize certain letters from the Koran and mentoring</i> • <i>Task 2: Make a paper (literary and case study) [PT + BM: (2 + 2) x (2x60")]</i>	Link: https://l1d1kti11.ris.tekdikti.go.id	
11-12	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu menguasai strategi optimalisasi peran	• Ketepatan menjelaskan optimalisasi peran dan fungsi masjid sebagai pusat	Presentasi Makalah: • Keterampilan presentasi. • Konten penjelasan.	• Kuliah • Diskusi Kelompok • Presentasi Tugas	• Kuliah • Diskusi Kelompok	• Optimalisasi Peran dan Fungsi Masjid untuk Kesejahteraan Umat	5

	dan fungsi masjid sebagai pusat mencetak kader dakwah dan pengembangan budaya Islam [C4, P3, A3] [Conceptual knowledge, Analyze]: • Able to master the strategy of optimizing the role and function of the mosque as a center for producing da'wah cadres and developing Islamic culture	mencetak kader dakwah dan pengembangan budaya Islam • Ketepatan menganalisis dan mengidentifikasi fungsi dan peran masjid sebagai pusat mencetak kader dakwah dan pengembangan budaya Islam • <i>Accuracy in explaining the optimization of the role and function of the mosque as a center for producing da'wah cadres and developing Islamic culture</i> • <i>The accuracy of analyzing and identifying the function and role of the mosque as a center for creating da'wah cadres and</i>	Tes lisan: • Ketrampilan membaca dan menghafalan Al-Qur'an • <i>Paper presentation: Presentation skills.</i> • <i>Explanatory content.</i> Oral test: • <i>Skills to read and memorize the Qur'an</i>	[TM: 2x(2sksx50")] • Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring • Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussion</i> • <i>Presentation of Assignments</i> [TM: 2x (2sksx50")] • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i>	• Presentasi Tugas MyITS-Classroom: sinkronous dan asinkronous; [TM: 2x(2x50")] • Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring • Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussion</i> • <i>Task Presentation via MyITS-Classroom: synchronous and asynchronous;</i>	Pustaka: Buku utama dan penunjang Link Referensi: https://lldikti11.ris.tekdikti.go.id • <i>Optimizing the Role and Function of the Mosque for the Welfare of the Ummah</i> Library: Main and supporting books Reference Link: https://lldikti11.ris.tekdikti.go.id	
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		<i>developing Islamic culture</i>		• Task 2: Make a paper (literary and case study) • [PT + BM: (2 + 2) x (2x60 ")]	[TM: 2x (2x50 ")] • Task 1: Reading, memorizing certain surah from the AlQuran and mentoring • Task 2: Writing papers (literary and case studies) • [PT + BM: (2 + 2) x (2x60 ")]		
13-14	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu menguasai aplikasi konsep Islam tentang IPTEK, seni, sosial-budaya, politik, ekonomi dan masalah kesejahteraan umat dalam menghadapi tantangan modernisasi [C4, P3, A3] [Conceptual knowledge, Analyze]:	• Ketepatan menjelaskan dan menganalisis konsep Islam tentang perkembangan IPTEK, seni, sosial budaya, politik dan ekonomi • Ketepatan mengidentifikasi dan mencari solusi yang tepat untuk menghadapi problematika modernitas terkait perkembangan iptek,	Presentasi Makalah: • Keterampilan presentasi. • Konten penjelasan. Tes lisan: • Ketrampilan membaca dan menghafalan Al-Qur'an Paper presentation: • Presentation skills.	• Kuliah • Diskusi Kelompok • Presentasi Tugas [TM: 2x(2sksx50")] • Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring • Tugas 2: Membuat makalah	• Kuliah • Diskusi Kelompok • Presentasi Tugas MyITS-Classroom: sinkronous dan asinkronous; [TM: 2x(2x50")] • Tugas 1: Membaca, menghafal surat tertentu dari	Islam Menghadapi Tantangan Modernisasi Pustaka: Buku utama dan penunjang Link Referensi: https://lldikti11.ris.tekdikti.go.id <i>Islam Faces the Challenges of Modernization</i>	10

	• <i>Able to master the application of Islamic concepts about science and technology, arts, socio-culture, politics, economy and prosperity of ummah in facing the challenges of modernization</i>	sosial budaya, politik, ekonomi dsb • <i>Accuracy in explaining and analyzing Islamic concepts regarding the development of science and technology, arts, socio-culture, politics and economics</i> • <i>Accuracy in identifying and finding the right solution to deal with the problems of modernity related to the development of science and technology, socio-culture, politics, economy, etc.</i>	• <i>Explanatory content.</i> <i>Oral test:</i> • <i>Skills to read and memorize the Qur'an</i>	(literer dan studi kasus) [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussion</i> • <i>Presentation of Assignments</i> [TM: 2x (2sksx50 ")] • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2: Make a paper (literary and case study)</i> • <i>[PT + BM: (2 + 2) x (2x60 ")]</i>	AlQur'an dan mentoring • <i>Tugas 2: Membuat makalah (literer dan studi kasus)</i> [PT+BM:(2+2)x(2x60")] • <i>Presentation</i> • <i>Group discussion</i> • <i>Task Presentation via MyITS-Classroom: synchronous and asynchronous;</i> [TM: 2x (2x50 ")] • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2:</i>	<i>References: Main and supporting books</i> <i>Reference Link: https://lldikti11.ris.tekdikti.go.id</i>	
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					<i>Writing papers (literary and case studies)</i> [PT + BM: (2 + 2) x (2x60 ")]		
15	[C4,P3,A3] [Conceptual knowledge, Analyze]: - Mampu memahami kontribusi Islam dalam perkembangan peradaban dunia dengan spirit Islam <i>[C4, P3, A3] [Conceptual knowledge, Analyze]:</i> <i>Able to understand the contribution of Islam in the development of world civilization with the Islamic spirit</i>	- Ketepatan menjelaskan kontribusi Islam dalam perkembangan peradaban dunia - Ketepatan menganalisis dan menyusun peta konsep terkait kontribusi Islam dalam perkembangan peradaban dunia dengan spirit Islam <i>Accuracy explaining the contribution of Islam in the development of world civilization</i> <i>Accuracy in analyzing and compiling concept maps related to the contribution of Islam in the</i>	Presentasi Makalah: - Keterampilan presentasi. - Konten penjelasan. Tes lisan: - Ketrampilan membaca dan menghafalan Al-Qur'an <i>Paper Presentation:</i> <i>Presentation skills.</i> <i>Explanatory content.</i> <i>Oral test:</i> <i>Skills to read and memorize Al-Qur'an</i>	- Kuliah - Diskusi Kelompok - Presentasi Tugas [TM: 2x(2sksx50")] - Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring - Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")] <i>Presentation</i> <i>Group discussion</i>	- Kuliah - Diskusi Kelompok - Presentasi Tugas MyITS-Classroom: sinkronous dan asinkronous; [TM: 2x(2x50")] - Tugas 1: Membaca, menghafal surat tertentu dari AlQur'an dan mentoring - Tugas 2: Membuat makalah (literer dan studi kasus) [PT+BM:(2+2)x(2x60")]	- Kontribusi Islam dalam Pengembangan Peradaban Dunia Pustaka: Buku utama dan penunjang Link Referensi: https://lldikti11.ris.tekdikti.go.id <i>Contribution of Islam in the Development of World Civilization</i> <i>References: Main and supporting books</i> <i>Reference Link: https://lldikti11.ris.tekdikti.go.id</i>	5

		<i>development of world civilization with the Islamic spirit</i>		• <i>Presentation of Assignments</i> [TM: 2x (2sksx50 ")] • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2: Make a paper (literary and case study)</i> [PT + BM: (2 + 2) x (2x60 ")]	• <i>Presentation</i> • <i>Group discussion</i> • <i>Task</i> <i>Presentation via MyITS-Classroom: synchronous and asynchronous;</i> [TM: 2x (2x50 ")] • <i>Task 1: Reading, memorizing certain surah from the AlQuran and mentoring</i> • <i>Task 2: Writing papers (literary and case studies)</i> • [PT + BM: (2 + 2) x (2x60 ")]	
16	EVALUASI AKHIR SEMESTER FINAL TERM EXAM					20

TM=Tatap Muka, PT=Penugasan Terstruktur, BM=Belajar Mandiri.

FF = Face to Face, SA = Structured Assignment, SS = Self Study.

II. Rencana Asesmen & Evaluasi (RAE) / Assessment & Evaluation Plan

	ASSESSMENT & EVALUATION PLAN BACHELOR DEGREE PROGRAM OF BIOMEDICAL ENGINEERING - FTEIC ITS Course : Probability and Statistics		RA&E
			Write Doc Code
Kode/code: UG234901	Bobot sks/credits (T/P): 2/0	Rumpun MK: SKPB Course Cluster: SKPB	Smt: I/II
OTORISASI AUTHORIZATION	Penyusun RA & E Compiler A&EP	Koordinator RMK Course Cluster Coordinator	Ka DEP Head of DEP

Mg ke/ Week (1)	Sub CP-MK / Lesson Learning Outcomes (LLO) (2)	Bentuk Asesmen (Penilaian) Form of Assessment (3)	Bobot / Load (%) (4)
1-2	[C4,A2][Conceptual knowledge, Analyze]: Mampu menjelaskan esensi relasi manusia dengan Allah, dengan sesama manusia dan dengan lingkungan alam sesuai paradigma Qur'ani [C4, A2] [Conceptual knowledge, Analyze]: Able to explain the essence of human relations with Allah, with fellow humans and with the nature in a Qur'ani paradigm (KK.1);	Non-tes : Tugas 1 tahap 1: Melaksanakan mentoring mingguan bersama pemimbing di setiap grup Non-test : Task 1 stage 1: Doing weekly mentoring with mentor in each group	10

3-4	[C4,P2,A3][Conceptual knowledge, Analyze]: • Mahasiswa mampu menjelaskan esensi dan urgensi nilai-nilai spiritualitas Islam secara konseptual dan empiris sebagai salah satu pondasi pembangunan bangsa yang berkarakter • Mampu menjelaskan dan menganalisis secara konsistensi terhadap koherensi pokok-pokok ajaran Islam sebagai implementasi Iman, Islam, dan Ihsan dalam membentuk Insan Kamil [C4, P2, A3] [Conceptual knowledge, Analyze]: • <i>Students are able to explain the essence and urgency of Islamic spirituality values conceptually and empirically as one of the foundations for</i>	Non-tes : Tugas 1 tahap 1: Menghafal minimal 5 surat pendek dari juz 30 Non-test : Task 1 stage 1: <i>Memorizing at least 5 short surah in juz 30</i>	10
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	<i>building a nation with character</i> <i>Able to explain and analyze consistency to the coherence of the principles of Islamism as the implementation of Faith, Islam and Ihsan in forming Insan Kamil</i>		
5-6	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu memahami bahwa agama sebagai sumber kebahagiaan dan dapat menerapkan dalam kehidupan modern • Mampu memahami konsep dan strategi membumikan Islam di Indonesia dengan menerapkan ajaran islam yang rahmatan lil alamin [C4, P3, A3] [Conceptual knowledge, Analyze]: • <i>Able to understand that religion is a source of happiness and can apply it in modern life</i>	Non-tes : Tugas 1 tahap 2: Memahami isi surat An-Nasyr dan menghafalkannya Tes: ETS Soal 1 Non-test : Task 1 stage 2: <i>Understanding the contents of surah An-Nasyr and memorizing it</i> Test: <i>Question 1 in Mid Exam</i>	10

	<i>Able to understand concepts and strategies of grounding Islam in Indonesia by applying the Islamic teachings that rahmatan lil alamin</i>		
7	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu menguasai substansi agama Islam sebagai salah satu komponen dasar dalam membangun persatuan dan kesatuan bangsa dalam wadah Negara Kesatuan Republik Indonesia [C4, P3, A3] [Conceptual knowledge, Analyze]: <i>Able to master the substance of Islam as one of the basic components in building national unity and integrity within NKRI</i>	Non Tes: Membuat makalah dengan topik “Islam sebagai salah satu komponen pembangunan persatuan dan kesatuan bangsa” Test: <i>Making paperwith topic “Islam as a component in building national unity and integrity ”</i>	5
8	EVALUASI TENGAH SEMESTER MID-TERM EXAM	Tes: Ujian Tulis/Ujian Daring Test: <i>Writing Exams / Online Exams</i>	20
9-10	[C4,P3,A3] [Conceptual	Non-tes : Tugas 2: Membuat makalah secara berkelompok dengan topik pengaruh zakat terhadap kesejahteraan umat	5

	knowledge, Analyze]: • Mampu menguasai konsep zakat, infaq, shodaqoh dan wakaf dalam untuk kemaslahatan umat • Mampu mengefektifkan mengelola zakat, infaq, shodaqoh dan wakaf secara baik dan benar sesuai syariat Islam <i>[C4, P3, A3]</i> <i>[Conceptual knowledge, Analyze]:</i> • <i>Able to master the concepts of zakat, infaq, shodaqoh and waqf for the benefit of the ummah</i> <i>Able to effectively manage zakat, infaq, shodaqoh and waqf properly and correctly according to Islamic law</i>	Tes: EAS Soal 1 Non-test: Assignment 2: <i>Making group paper about the influence of zakat on the prosperity of ummah</i> Test: <i>Question 1 in Final Exam</i>	
11-1 2	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu menguasai strategi optimalisasi peran dan fungsi	Tes: EAS Soal No 2 Test: <i>Question 2 in Final Exam</i>	5

	masjid sebagai pusat mencetak kader dakwah dan pengembangan budaya Islam [C4, P3, A3] [Conceptual knowledge, Analyze]: Able to master the strategy of optimizing the role and function of the mosque as a center for producing da'wah cadres and developing Islamic culture		
13-14	[C4,P3,A3] [Conceptual knowledge, Analyze]: Mampu menguasai aplikasi konsep Islam tentang IPTEK, seni, sosial-budaya, politik, ekonomi dan masalah kesejahteraan umat dalam menghadapi tantangan modernisasi [C4, P3, A3] [Conceptual knowledge, Analyze]: <i>Able to master the application of Islamic concepts about science and technology, arts,</i>	Non-Tes: Presentasi makalah Non-Test: <i>Paper presentation</i>	10

	<i>socio-culture, politics, economy and prosperity of ummah in facing the challenges of modernization</i>		
15	[C4,P3,A3] [Conceptual knowledge, Analyze]: • Mampu memahami kontribusi Islam dalam perkembangan peradaban dunia dengan spirit Islam <i>[C4, P3, A3] [Conceptual knowledge, Analyze]: Able to understand the contribution of Islam in the development of world civilization with the Islamic spirit</i>	Tes: EAS soal no. 3 Test: Question 3 in Final Exam	5
16	Evaluasi Akhir Semester <i>Final Exam</i>	Tes: Ujian Tulis/Ujian Daring Test: <i>Writing Exams / Online Exams</i>	20
Total bobot penilaian <i>Total assessment load</i>			100%

Indikator Pencapaian CPL Pada MK / *Indicator of PLO achievement charged to the course*

CPL yang dibebankan pada MK / <i>PLO charged to the course</i>	CPMK / <i>Course Learning Outcome (CLO)</i>	Minggu ke / <i>Week</i>	Bentuk Asesmen / <i>Form of Assessment</i>	Bobot / <i>Load (%)</i>
S1 S1	CPMK 1 / CLO 1	Week- 1-2	Study Case Assignment 1 Stage 1	10
		Week- 8	Mid Exam Question 1	5
		Week- 16	Final Exam Question 1	5
	CPMK 2 / CLO 2	Week- 8	Mid Exam Question 2	5
		Week- 9-10	Written Assignment 2	10
		Week- 16	Final Exam Question 2	5
S2 S2	CPMK 3 / CLO 3	Week- 3-4	Study Case Assignment 1 Stage 2	5
		Week- 8	Mid Exam Question 3	10
		Week- 16	Final Exam Question 3	5
S8 S8	CPMK 4 / CLO 4	Week- 5-6	Study Case Assignment 1 Stage 3	5
		Week- 8	Mid Exam Question 4	5
		Week- 13-14	Presentation Assignment	10
KU1 KU1	CPMK 5 / CLO 5	Week- 7	Written Assignment 1	5
KU2 KU2		Week- 13-14	Presentation Assignment	5
		Week- 16	Final Exam Question 4	10
				$\Sigma = 100\%$

[illegible]