

**SENARAI BUKU YANG DIPERLUKAN MENGIKUT SILIBUS TERKINI BAGI TAHUN
2021 DIPLOMA KEJURUTERAAN AWAM, JKA
POLITEKNIK PORT DICKSON.**

SEMESTER 1

BIL	KOD KURSUS	SENARAI BUKU YANG DIPERLUKAN BERDASARKAN SILIBUS	STATUS CARIAN DI IEEE,EMERALD INSIGHT	STATUS CARIAN DI NeuWeb
1	DUW10022 : OCCUPATIONAL SAFETY AND HEALTH FOR ENGINEERING <i>Version: 230419_2_Effective: December2019</i>	Akta Keselamatan dan Kesihatan Pekerjaan 1994 (Akta 514), PeraturanPeraturan & Perintah-Perintah (hingga 10 mac 2017).(2017). Kuala Lumpur : International Law Book Services	Status : Tiada	Status : Edisi lama, 2014 Akta keselamatan dan kesihatan pekerjaan 1994 (Akta 514), peraturan-peraturan & perintah perintah;(hingga 15hb September 2014) KF4604.61 .S797 2015 2014
		Akta Kilang Dan Jentera 1967 (Akta 139), Peraturan - Peraturan, Kaedah - Kaedah & Perintah - Perintah (Hingga 20hb Januari 2018).(2018). Kuala Lumpur : International Law Book Services	Status : Tiada	Status : Edisi lama, 2015 Akta kilang dan jentera 1967 (Akta 139),peraturan-peraturan, kaedah-kaedah & perintah,(Hingga 25hb April 2015) / disusun oleh Lembaga Penyelidikan Undang-Undang KQB14 .K55 2015 2015
		Akta Kualiti Alam Sekeliling 1974 (Akta 127), Peraturan-Peraturan, Kaedah Kaedah & Perintah Perintah (Hingga 20 Mac 2018).(2018). Kuala Lumpur : International Law Book Service	Status : Tiada	Status : Edisi lama, 2015 Akta kualiti alam sekeliling 1974 (Akta 127), peraturan peraturan & perintah perintah;(Hingga 1hb Jun 2015) KQB14 .K82 2015 2015

		Jamaludin Mohd Taib & Khairul Anwar Hanafiah.(2012). <i>Autocad for Engineers</i> . Penerbit UTM Press : Johor Bahru.	Status : Tiada	Status : Ada T385. J2729 2012 Jamaludin Mohd Taib 2012
		Md. Nasir Abd. Manan. (2014). <i>Lukisan Geometri dan kejuruteraan</i> . IBS Buku Sdn. Bhd : Petaling Jaya.	Status : Tiada	Status : Tiada
		Bill Fane & David Byrnes. (2013). <i>AutoCAD 2014 for</i>	Status : Tiada	Status : Tiada

2	DCC10012 : ENGINEERING DRAWING & CAD Version:230419_1_ Effective: June 2019	<i>Dummies</i> . John Wiley & Sons, Inc : New Jersey.		
		Mohd Fadzil Daud & Khairul Anwar Hanafiah. (2005). <i>Panduan Asas Lukisan Kejuruteraan: Edisi Kedua</i> . Penerbit UTM Press: Skudai.	Status : Tiada	Status : Ada Panduan asas lukisan kejuruteraan / /Mohd Fadzil Daud, Khairul Anwar Hanafiah TA175 .M64 2005 Mohd Fadzil Daud ,2005.
		Mohd Noh Sarip et.al (2017). <i>Engineering Drawing Form 5</i> . DBP: Kuala Lumpur.	Status : Tiada	Status : Tiada
		Mohd Noh Sarip & Md Nasir Abd. Manan. (2005). <i>Engineering Drawing Form 4</i> . DBP: Kuala Lumpur .	Status : Tiada	Status : Tiada
		Tan Boon Tong. (2002). <i>Lukisan Binaan Bangunan</i> . DBP: Kuala Lumpur.	Status : Tiada	Status : Edisi lama, 1994 Lukisan binaan bangunan / / Tan Boon Tong;; editor Norishah Ariffin.- T355 .TAN 1994 Tan, Boon Tong 1994.

3	DCC10022 : BRICKWORK AND CONCRETE LABORATORY Version:230419_1 Effective: June 2019	British Standards 1881 (2015). Testing Concrete. The British Standard Institution.	Status : Tiada	Status : Tiada
		Colin Fearn. et. al. (2014). <i>The City & Guilds Textbook: Level 1 Diploma in Plastering</i> . City & Guilds.	Status : Tiada	Status : Tiada
		Jon Collinson, (2012). Brickwork and Bricklaying: A DIY Guide. Crowood Press.	Status : Tiada	Status : Tiada
		Malaysian Standard EN 206 (2016). Concrete – Specification, Performance, Production and Conformity (Third Revision). Department Of Standard Malaysia	Status : Tiada	Status : Tiada
		Peter Cartwright, (2002). Bricklaying. McGraw-Hill Education.	Status : Tiada	Status : Tiada

		P. Kumar Mehta and Paulo J.M. Monteiro, (2014), <i>Concrete : Microstructure, Properties and Materials</i> , 4 th Edition. McGraw Hill	Status : Tiada	Status : Tiada
		R. Dodge Woodson, (2011). <i>Concrete Portable Handbook</i> . Butterworth-Heinemann.	Status : Tiada	Status : Tiada
		Theodore Marotta. et. all. (2010). <i>Basic Construction Materials (8th ed.)</i> , United Kingdom. Pearson Prentice Hall.	Status : Tiada	Status:Penulis berbeza. Basic construction materials / Theadore W.Marrota..[et al]. TA403 .M26 2011 2011

4	DCC10032 : CIVIL ENGINEERING MATERIAL Version:230419_1_ Effective: June 2019	David K.Doran and R. Cather (2012), <i>Construction Materials Reference Book, Second Edition</i> . London. Butterworth Heinemann Ltd.	Status : Tiada	Status : Edisi lama, 1990 Construction materials reference book / edited by; David K. Dovan with specialist contributors TA403. 4. C66 1990 1990
		Neville A.M. (2010). <i>Concrete Technology</i> . Prentice Hall. United States	Status : Tiada	Status:Penulis berbeza, Edisi lama 2001 Concrete technology : theory and practice / / M.S. Shetty .- TA439 .SHE 2001 Shetty, M.S. 2001.
		Barry, R (2000), <i>The Construction of Building (Vol. 1,2,3,4)</i> , UK: Blackwell Science.	Status : Tiada	Status:Penulis berbeza, Edisi lama 2001 The construction of building / R.Barry.- 5th ed. TH146 .B3 1999 Barry

				,1999
		R.K. Rajput, (2000) <i>Engineering Materials</i> , New Delhi: S. Chand & Company LTD.	Status : Tiada	Status:Penulis berbeza. Engineering materials / /R.K. Rajput.- TA403 .RAJ 2000 Rajput, R.K. 2000.

BIL	KOD KURSUS	SENARAI BUKU YANG DIPERLUKAN BERDASARKAN SILIBUS	STATUS CARIAN DI IEEE,EMERALD INSIGHT	STATUS CARIAN DI NeuWeb
1	DCC20073 : CONTRACT AND ESTIMATING Version: 230419_1_Effective: June2019	Ahmad Abdullah. (2006). Anggaran Kos Kerja Bangunan (Edisi Kedua). Selangor: Prentice Hall.	Status : Tiada	Status : Ada Anggaran kos :kerja bangunan / /Ahmad Abdullah.-edisi ke 2. TH435 .A285 2006 Ahmad Abdullah ,2006
		Ahmad Abdullah, & Khairuddin Abdul Rashid. (2004). Pengukuran Kuantiti Bangunan (Berserta Contoh Kerja Berdasarkan SMM2) Edisi Kedua. Kuala Lumpur: Pearson Malaysia.	Status : Tiada	Status : Tiada
		Malaysian Standard Method of Measurement of Building Works, Second Edition. (2000). Institution of Surveyors Malaysia.	Status : Tiada	Status : Tiada
		Mohd Saidin Misnan, Abdul Hakim Mohammed, & Mat Naim Abdullah. (2011). Pengurusan Projek Pembinaan. Johor Bahru: UTM PRESS.	Status : Tiada	Status : Ada Pengurusan projek pembinaan / Mohd Saidin Misnan, Abdul Hakim Mohammed, Mat Naim Abdullah HD9715 .A2 .M734 2011 Mohd Saidin Misnan 2011
		Standard Form of Contract P.W.D. FORM 203/203A (Rev. 2010). (2010). Government of Malaysia.	Status : Tiada	Status : Tiada

		Standard Method of Measurement of Building Works, First Edition. (1976). Institution of Surveyors Malaysia.	Status : Tiada	Status : Tiada

2	DCC20042 : PLUMBING AND CARPENTRY WORKSHOP Version: 230419_1_Effective: June 2019	Jackson, A. (2015). Complete Woodworker's manual. Harper Collins Publishers.	Status : Tiada	Status : Tiada
		Blankenbaker, E. K. (2014). Modern Plumbing Lab Workbook, Eight Edition. Goodheart Willcox.	Status : Tiada	Status : Tiada
		Haun, L. (2017). The Very Efficient Carpenter. The Taunton press	Status : Tiada	Status : Tiada
		Brett, P. (2014). Carpentry Joinery (3rd ed). Oxford University Press.	Status : Tiada	Status : Tiada
3	DCC20053 : MECHANICS OF CIVIL ENGINEERING STRUCTURES Version: 230419_1_Effective: June 2019	R. C. Hibbeler 2013. Mechanics of Materials. 9th Edition: Pearson Education Inc.	Status : Penulis berbeza, Edisi lama, 2011 Mechanics parameter analysis model based on the composition reinforced steel cemented soil beam Shitan Gu ; Chunqiu Wang ; Fenghai Yu 2011	Status : Penulis berbeza, Edisi lama, 2002 Mechanics of materials / / Ferdinand P.Beer,E.Russell Johnson,John T.Dewolf.- 3rd ed. TA405 .B39 2002 Beer,Ferdinand P 2002.
		Ferdinand P. Beer 2015. Mechanics of Materials. 7th Edition: McGraw-Hill International Edition.	Status : Tiada	Status : Tiada
		James M. Gere 2013. Mechanics of Materials. 8th Edition: Stamford, Ct Cengage Learning.	Status : Tiada	Status : Tiada
		Keith M. Walker. 2014. Applied Mechanics for Engineering Technology. 8th Edition : Pearson New International Edition, United State, Pearson	Status : Tiada	Status : Edisi lama, 2004 Applied mechanics for engineering technology / /Keith M. Walker.-7th ed. TA350 .W19 2004 Walker, Keith M. ,2004

		Pant M K. 2016. Fundamental of Structural Analysis. 7th Edition. New Delhi S K Kataria Sons.	Status : Tiada	Status : Penulis berbeza, Edisi lama, 1988 Fundamental of structural analysis / Kenneth M.Leet TA645.L34 1988 Leet,Kenneth M 1988
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		R.C. Hibbeler. 2004. Statics And Mechanics Of Materials. 2nd Edition. Upper Saddle River, NJ, Prentice Hall.	Status : Tiada	Status : Penulis berbeza, Edisi baru, 2014 Statics and mechanics of materials / R.C Hibbeler TA405 .H48 2014 Hibbeler, R.C 2014
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4	DCC20063 ENGINEERING SURVEY Version: 230419_1_Effective: June2019	Jerry Nathanson (2011), Surveying Fundamentals and Practices. New Jersey: Pearson Education Inc.	Status : Tiada	Status : Ada Surveying fundamentals and practices / Jerry Nanthanson, Michael T.Lanzafama, Philip Kissam TA545 .N28 2011 Nanthanson, Jerry A. 2011
		Ab. Hamid Mohamed (2000), Asas Ukur Kejuruteraan. Skudai Malaysia: UTM.	Status : Tiada	Status : Ada Asas ukur kejuruteraan / /Ab. Hamid Mohamed TA535 .A234 2000 Ab. Hamid Mohamed ,2000.
		Arthur Bannister (1998), Surveying. England: Addison Wesley Longman Ltd	Status : Tiada	Status : Penulis berbeza, Edisi lama, 1991 Surveying / Jack B. Evett TA545.E93 1991 Evett, Jack B 1991

		Barry F. Kavanagh, S.J. Glenn Bird (2008), Surveying: Principles and Applications. New Jersey: Prentice Hall	Status : Tiada	Status : Ada, Edisi baru, 2014 Surveying principles and applications / Barry F. Kavanagh, Tom B. Mastin TA545 .K37 2014 Kavanagh, Barry F. 2014
		Barry F. Kavanagh, Dianne K. Slaterry (2015) Surveying with Construction Applications. England. Pearson education inc.	Status : Tiada	Status : Ada Surveying with construction applications / Barry F. Kavanagh, Dianne K. Slaterry TA625 .K38 2015 Kavanagh, Barry F. 2015
				Status : Edisi lama, 2006

		Charles D. Ghilani, Paul R. Wolf (2012), Elementary Surveying: An Introduction to Geomatics. New Jersey: Pearson Education Inc.	Status : Tiada	Elementary surveying :an introduction to geomatics / /Paul R.Wolf & Charles D.Ghilani.- 11th ed TA545 .W77 2006 Wolf, Paul R ,2006
		Jasmee Jaafar, Redzwan Misran, Adli Redzuan Shaary, Roslina Idris, Mohd Nasri Md Rani (2016), Asas Ukur Kejuruteraan. Shah Alam Malaysia: UiTM.	Status : Tiada	Status : Ada Asas ukur kejuruteraan / Jasmee Jaafar,Redzwan Misran,Adli Redzuan Shaary,Roslina Idris,Mohd Nasri Md Rani. TA535 .537 2016 Jasmee Jaafar 2016

SEMESTER 3

BIL	KOD KURSUS	SENARAI BUKU YANG DIPERLUKAN BERDASARKAN SILIBUS	STATUS CARIAN DI IEEE,EMERALD	STATUS CARIAN DI NeuWeb
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			INSIGHT	
1	DCC30093 : GEOTECHNICAL ENGINEERING Version: 230419_1_Effective: June 2019	Braja (2010). Principles of Geotechnical Engineering (7th ed.). Cengage Learning. United States of America	Status : Tiada	Status : Ada, Edisi lama, 1997 Principles of geotechnical engineering / / Braja M.Das.-4th ed. TA710 .DAS 1997 Das, Braja M. 1941-1997.
		Muni Budhu (2011). Soil Mechanics & Foundation (3rd ed.). John Wiley & Sons Inc	Status : Tiada	Status : Tiada
		Donald P. Coduto (1999). Geotechnical Engineering (Principles and Practices). Prentice –Hall, Inc. Upper Saddle River, New Jersey, US	Status : Tiada	Status : Tiada
		G. N. Smith (1990) Terjemahan Abdul Rahman Mahamood. Unsur Mekanik Tanah untuk Jurutera Awam dan Lombong, Dewan Bahasa dan Pustaka, Selangor Darul Ehsan, Malaysia	Status : Tiada	Status : Tiada
		M.J Tomlinson (2001). Foundation Design and Construction. (7th ed.). Printed in Malaysia, PJB.	Status : Tiada	Status : Ada Foundation design and construction / /M.J. Tomlison; ;with contribution by, R. Boorman.-7th ed.

				TA775 .T6 2001 Tomlinson, M.J., 2001
		Marcus M. Truitt (1983), Soil Mechanics Technology. United States of America. Prentice – Hall, Inc, Englewood Cliffs, New Jersey, US	Status : Tiada	Status : Tiada

2	DCC30103 Highway and Traffic Engineering <i>Version: 230419_1_Effective: June 2019</i>	Arahan Teknik Jalan (Jalan) 8/86 (Pindaan 2015). A Guide On Geometric Design Of Roads. Cawangan Ibu Pejabat JKR.	Status : Tiada	Status : Tiada
		Arahan Teknik Jalan (Jalan) 5/85 (Pindaan 2013) : Manual For The Structural Design of Flexible Pavement	Status : Tiada	Status : Tiada
		Arahan Teknik Jalan (Jalan) 11/87. A Guide To The Design Of At Grade Intersection Cawangan Jalan Ibu Pejabat JKR Kuala Lumpur	Status : Tiada	Status : Tiada
		Martin, R (2009). Highway Engineering. 111 River Street Hoboken, NJ: Wiley, John & Sons, Incorporated	Status : Tiada	Status : Edisi lama, 2003. Highway engineering / / Martin Rogers.-2nd ed. TE145 .R65 2003 Rogers, Martin. ,2003.
		Atkins, H.N. (2003) Highway Materials, Soils and Concrete. Saddle River, New Jersey Prentice Hall.	Status : Tiada	Status : Tiada Alternatif : Bahan jalan raya. tanah dan konkrit
		Banks, J.H. (2002). Introduction to Transportation Engineering (2nd ed.). New York: McGraw Hill	Status : Tiada	Status : Ada Introduction to transportation engineering / / James H. Banks.-2nd ed. TA1145 .B33 2002 Banks, James H. ,2002.
		Bent, T. (2005). Highway and Traffic Engineering in Developing Countries. UK: Spon Press	Status : Tiada	Status : Tiada
		Bent, T. (2004). Road Engineering For Development. UK: Spon Press	Status : Tiada	Status : Tiada
		EC-Council Academy (2010), EC Council Computer Hacking Forensic Investigator. (Version 4).	Status : Tiada	Status : Tiada
		O'flaherty. (2008). Transport Planning and Traffic Engineering : U.S.A Butterworth-Heinemann	Status : Tiada	Status : Tiada

				Status : Ada

3	DCC30082 IBS in Sustainable Construction Version: 230419_1_Effective: June 2019	D.N Trikha, Abdullah Abang Ali (2004), Industrialised Building System, Selangor, Universiti Putra Malaysia.	Status : Tiada	Industrialised building systems / /D.N. Trikha, Abang Abdullah Abang Ali NA1 .T75 2004 Trikha, D.N., 2004
		Construction Industry Standard: Manual for IBS Content Scoring System, CIS 18 (2018), Kuala Lumpur, Construction Industry Development Board Malaysia.	Status : Tiada	Status : Tiada
		Green Building Index (GBI). (2016). Retrieved on : http://new.greenbuildingindex.org/	Status : Tiada	Status : Tiada
		Guide to Modular Coordination in Buildings Part 1-5: MS 1064 (2001), Kuala Lumpur, Departments of Standard Malaysia.	Status : Tiada	Status : Tiada
		Guide to Modular Coordination in Buildings Part 10: Coordinating Sizes and Preferred Sizes for Reinforced Concrete Components, MS 1064 (2018), Kuala Lumpur, Departments of Standard Malaysia.	Status : Tiada	Status : Tiada
		IBS Catalogue for Precast Concrete Building System (2017), Kuala Lumpur, Construction Industry Development Board Malaysia	Status : Tiada	Status : Tiada
		Kibert, C. J. (2016). Sustainable Construction: Green Building Design and Delivery (4th Edition), John Wiley & Sons. United State of America	Status : Tiada	Status : Tiada

		Maryam Qays Oleiwi (2015), Industrialised Building System: A Malaysian Approach, Selangor. Filspay Academy	Status : Tiada	Status : Penulis berbeza, Edisi lama, 2004 Industrialised building systems / /D.N. Trikha, Abang Abdullah Abang Ali NA1 .T75 2004 Trikha, D.N., 2004.
		Nur Alwani, Tengku Juliani (2017), Industrialised Building System: Conceptual & Implementation in Malaysia, Melaka, Politeknik Melaka.	Status : Tiada	Status : Tiada

4	DCC30112 Geotechnical and Highway Engineering Laboratory Version: 230419_1_Effective: June2019	Ahmade, S. K. (2008), A Guide to Good Quality Control Practices on Asphalt Production and Construction (2nd Edition), Cawangan Senggara Fasiliti Jalan, Malaysia.	Status : Tiada	Status : Tiada
		HPU (2011), Malaysian Highway Capacity Manual: Highway Planning Unit, Ministry of Works, Malaysia.	Status : Tiada	Status : Tiada
		PWD Malaysia (2008), Standard Specification For Road Works. Section 4 Flexible Pavement. Jabatan Kerja Raya Malaysia, Kuala Lumpur.	Status : Tiada	Status : Tiada
		Robert W.Day. (2013), Geotechnical Engineers Portable Handbook (2nd Edition), McGraw Hill Education.	Status : Tiada	Status : Tiada Alternatif: Forensic geotechnical and foundation engineering

		Roess, R. P., Prassas, E. S., & McShane, W. R. (2019), Traffic Engineering (5th Edition), Pearson/Prentice Hall.	Status : Tiada	Status : Penulis berbeza, Edisi lama, 2016 Traffic engineering handbook Institute of Transportation Engineers / Anurage Pande, Brian Wolshon; co-editor HE333 .T68 2016 2016
		AASHTO, Manual Series Standard Testing Procedures, USA	Status : Tiada	Status : Tiada
		Bujang K. Huat, Ahmad Jusoh dan Shukri Maaail (1991), Pengenalan Mekanik Tanah. Kuala Lumpur, DBP.	Status : Tiada	Status : Tiada
		John T. Germaine and Amy V. Germaine (2009), Geotechnical Laboratory Measurements for Engineers (1st Edition), Wiley.	Status : Tiada	Status : Tiada
		Meor Othman Hamzah dan Mahyuddin Ramli (1992), Asas Mekanik Tanah (Edisi Awal). Pulau Pinang, USM	Status : Tiada	Status : Ada Asas mekanik tanah / /Meor Othman Hamzah, Mahyuddin Ramli.-edisi awal TA710 .M46 1992 Meor Othman Hamzah ,1992
		PWD Malaysia (2013), ATJ 5/85 Manual for The Structural Design of	Status : Tiada	Status : Tiada

		Flexible Pavement. Jabatan Kerja Raya Malaysia, Kuala Lumpur.		
		Standard, B. (2010), BS 1377-2: 1990, Methods Of Test For Soils For Civil Engineering Purposes Part 2: Classification Tests, British Standard Institution.	Status : Tiada	Status : Tiada

5	DCC30112 Fluids Mechanics Version: 230419_1_Effective: June2019	Yunus A. (2014). Fluid Mechanics Fundamentals and Applications, 3rd Edition, US; McGraw Hill Education	Status : Tiada	Status : Ada Fluid mechanics fundamentals and applications / Yunus A. Cengel & John A. Cimbara TA357 .C46 2014 Cengel, Yunus A. 2014
		Bruce, R.M (2006). Fundamentals of Fluid Mechanics. US; Wiley	Status : Tiada	Status : Penulis berbeza, Edisi lama, 1990 Fundamentals of fluid mechanics / Bruce R. Munson, Donald F. Young, Theodore H. Okiishi TA357 .M86 1990 Munson, Bruce R. 1990
		Chadwick, A.J. et al. (2004). Hydraulic In Civil & Environmental Engineering. New York & London; US & UK. Spon Press	Status : Tiada	Status : Tiada
		Douglas, J.F. et al (2000). Fluid Mechanics. US; Prentice Hall	Status : Tiada	Status : Ada Fluid mechanics / John F. Douglas, Janusz M. Gasiorek, John A. Swaffield. TA357 .D68 2000 Douglas, John F. 2000
		Robert, L.M. (2006). Applied Fluid Mechanics. US; Prentice Hall	Status : Tiada	Status : Tiada

SEMESTER 4

BIL	KOD KURSUS	SENARAI BUKU YANG DIPERLUKAN BERDASARKAN SILIBUS	STATUS CARIAN DI IEEE, EMERALD INSIGHT	STATUS CARIAN DI NeuWeb
1	DCC40152 WATER SUPPLY AND WASTEWATER	Mackenzie L. Davis, (2002). Water and Wastewater Engineering, Design Principles and	Status : Tiada	Status : Tiada

	R ENGINEERING G <i>Version: 230419_1_Effecti v: June2019</i>	Practice, McGrawHill.		
		Bratby, J. (2016). Coagulation and Flocculation in Water and Wastewater Treatment 3rd New Edition, Iwa Publishing.	Status : Tiada	Status : Tiada
		Hutton B. B., J. (2017). Water Supply, Hansebooks.	Status : Tiada	Status : Penulis berbeza. Edisi lama, 2009 Water supply and pollution control / /Warren Viessman, Jr. ,Mark J. Hammer.-8th ed. TD353 .V54 2009 Viessman, Warren ,2009.
		Rice, E.W. (2017). Standard Methods for the Examination of Water and Wastewater, American Water Works Association	Status : Tiada	Status : Tiada
2	DCC40172 STRUCTURE, HYDRAULICS AND WATER QUALITY LABORATORY <i>Version: 230419_1_Effecti v: June2019</i>	APHA, AWWA, WPCF (2012). Standard Methods for the Examination of Water and Wastewater (22nd Edition), Washington, American Public Health Association	Status : Tiada	Status : Tiada
		Jabatan Alam Sekitar (2002), Akta Kualiti Alam Sekeliling (1974) (Akta127) & Peraturan-Peraturan dan Perintah-Perintah (2002), Kuala Lumpur: International Law Books Services	Status : Tiada	Status : Tiada
		R.C. Hibbeler (2014), Mechanics of Materials (9th Edition), Pearson Education Inc. Ferdinand P. Beer.	Status : Tiada	Status : Penulis berbeza. Edisi lama, 2002 Mechanics of materials / / Ferdinand P.Beer,E.Russell Johnson,John T.Dewolf.- 3rd ed. TA405 .B39 2002 Beer,Ferdinand P

				2002.
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		Robert L.M. (2005), Applied Fluid Mechanics (6th Edition), USA, Pearson.	Status : Tiada	Status : Tiada
		Clayton T.C (2005), Engineering Fluid Mechanics (8th Edition), US, Wiley	Status : Tiada	Status : Ada Engineering fluid mechanics / /Clayton T.Crowe, Donald F.Elger, John A.Roberson.-8th ed TA357 .C76 2005 Crowe, C.T ,2005
		Dr. R.K. Bansal (2010), A Textbook of Strength of Materials (Revised 4th Edition), New Delhi, Laxmi Publications (P) LTD.	Status : Tiada	Status : Tiada
		Ferdinand P. Beer (2012), Mechanics of Materials (6th Edition), New York, McGrawHill International Edition.	Status : Tiada	Status : Edisi lama, 2002 Mechanics of materials / / Ferdinand P.Beer,E.Russell Johnson,John T.Dewolf.- 3rd ed. TA405 .B39 2002 Beer,Ferdinand P 2002.
		Hibbeler R.C. (2012), Structural Analysis (8th Edition), New Jersey, Prentice Hall.	Status : Tiada	Status : Edisi lama, 2006 Structural analysis / /R.C. Hibbeler.-6th ed. in SI units TA645 .H472 2006 Hibbeler, R.C. ,2006.
		Sukumar Pati (2013), A Textbook on Fluid Mechanics and Hydraulics Machines, New Delhi, McGraw-Hill Edition Private Limited.	Status : Tiada	Status : Tiada

		Tchobanoglous G. (1985), Water Quality; Characteristics, Modelling, Modification, Addison-Wesley, Reading, MA.	Status : Tiada	Status : Tiada
		Wagner. (2012), Environmental Sciences: Active Learning Laboratories and Applied Problem Sets (2nd Edition), New Jersey, John Wiley & Sons.	Status : Tiada	Status : Tiada

3	DCC40163 THEORY OF STRUCTURE Version: 230419_1_Effecti v: June2019	Hibbeler, R.C. (2012). Structural Analysis (8th Edition). New Jersey: Pearson Prentice Hall	Status : Tiada	Status : Edisi lama, 2006 Structural analysis / /R.C. Hibbeler.-6th ed. in SI units TA645 .H472 2006 Hibbeler, R.C. ,2006.
		Kenneth Leet (2009). Fundamentals of Structural Analysis (4th Edition): McGraw-Hill.	Status : Tiada	Status : Edisi lama, 2005 Fundamentals of structural analysis / /Kenneth M.Leef, Chia Ming Uang.-2nd ed TA645 .L34 2005 Leef, Kenneth M ,2005
		Lemas B. (2005). Fundamental Structural Analysis for Design. Sydney: Pearson.	Status : Tiada	Status : Ada Fundamental structural analysis for design / /Brett Lemass, Anne Gardner. TA645 .L46 2005 Lemass, Brett ,2005
		Dpencer (1988). Fundamental Structural Analysis. Basingstoke: Macmillan Education	Status : Tiada	Status : Ada Fundamental structural analysis / W.J.Spencer TA45 .S633 1988 Spencer,W.J.

				1988
		Smith (1972). Theory of Structure. Norwich: Mcdonald And Evans Ltd.	Status : Tiada	Status : Penulis berbeza. Edisi 2004 Theory of structures / /R.S Khurmi. TA6445 .K48 2004 Khurmi, R.S ,2004
4	DCC40142 STEEL STRUCTURE DESIGN Version: 230419_1_Effecti v: June2019	Mat Tahir, M. (2009).Structural Design To Eurocode 3. STC UTM Publisher, Skudai, Johor	Status : Tiada	Status : Tiada
		Arya, C. (2003). Design of Structural Element, 2nd Edition.Spon Press, Taylor & Francis Group, London & New York.	Status : Tiada	Status : Penulis berbeza. Edisi 2009 Design of structural element concrete, steelwork, masonry and designs to British Standards and Eurocodes / Chanakya Arya TA658.A796 2009 Arya, Chanakya 2009

		Institution of Structural Engineers. Institution of Civil Engineers (2000), Manual for the Design of Steelwork Building Structures to EC3.SETO for the Institution of Structural Engineers. London	Status : Tiada	Status : Tiada
		Nethercot (2007). 'Designers' Guide to EN1993-1-1: Eurocode 3: Design Steel Structures. Taylor& Francis Group, London & New York.	Status : Tiada	Status : Tiada
		Trahair (2008).The Behaviour and Design of Steel Structures to EC3, 4th Edition.Taylor & Francis Group, London & New York.	Status : Tiada	Status : Tiada

5	DCC40132 PROJECT MANAGEMENT AND PRACTICES Version: 230419_1_Effective v: June 2019	Project Management Institute (2017). A Guide To The Project Management Body of Knowledge 6th Edition. Project Management Institute, Inc	Status : Tiada	Status : Tiada
		Abdul Hakim Mohammed, Mohd Saidin Misnan, & Mat Naim Abdullah. (2011). Pengurusan Projek Pembinaan Edisi Pertama. UTM Press	Status : Tiada	Status : Ada Pengurusan projek pembinaan / Mohd Saidin Misnan, Abdul Hakim Mohammed, Mat Naim Abdullah HD9715 .A2 .M734 2011 Mohd Saidin Misnan 2011
		Ang Huat Bin. (2015). Principles of Management. Oxford Fajar Sdn Bhd.	Status : Tiada	Status : Ada Principles of management / Ang Huat Bin HD31 .A64 2015 Ang, Huat Bin 2015
		E Gould (2013). Construction Project Management 4th Edition. Prentice Hall.	Status : Tiada	Status : Penulis berbeza. Edisi 2014 Construction project management / Frederick E. Gould, Nancy E. Joyce TH438 .G62497 2014 Gould, Frederick E. 2014
		Richardson, G. L. (2014). Project Management Theory and Practices. Prentice Hall.	Status : Tiada	Status : Tiada
		Siu Lam Tang. (2003). Modern Construction Project Management 2nd Edition. Hong Kong: Hong Kong University .	Status : Tiada	Status : Tiada

6	DCC40181 Final Year	Bell, J. (2010). Doing Your Research Project, 5th	Status : Tiada	Status : Tiada
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	Project 1 Version: 230419_1_Effecti v: June2019	Ed.,United Kingdom: McGraw Education		
		Brown, T. (2009). Change by Design: How Design Thinking Transforms Organizations and Inspires Innovation. New York: HarperCollins Publishers.	Status : Tiada	Status : Tiada
		Eng Choon Leong, Carmel Lee-Hsia Heah & Kenneth Keng Wee Ong. (2017) Guide to Research Projects for Engineering Students: Planning, Writing and Presenting. CRC Press.	Status : Tiada	Status : Tiada
		Flynn, C. & McDermott, F. (2017). Doing Research in Social Work and Social Care: The Journey from Student to Practitioner Researcher. London: Sage Publications Ltd.	Status : Tiada	Status : Tiada
		Lee, D. (2018). Design Thinking in the Classroom. Berkeley: Ulysses Pres	Status : Tiada	Status : Tiada
		O'Leary, Z. (2017). The Essential Guide to Doing Your Research 3rd Edition. London: Sage Publications Ltd.	Status : Tiada	Status : Tiada
		Punch, K.,F. (2016). Developing Effective Research Proposals. London: Sage Publications Ltd	Status : Tiada	Status : Tiada
		Thomas, G. (2017). How to Do Your Research Project: A Guide for Students. London: Sage Publications Ltd.	Status : Tiada	Status : Tiada

SEMESTER 5

BIL	KOD KURSUS	SENARAI BUKU YANG DIPERLUKAN BERDASARKAN SILIBUS	STATUS CARIAN DI IEEE,EMERALD INSIGHT	STATUS CARIAN DI NeuWeb
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1	DCC50212 ENGINEERING HYDROLOGY Version: 230419_1_Effecti v: June2019	Reddy, P. J. R. (2016). A textbook of Hydrology. Thrid Edition. Laxmi Publication Pvt. Ltd.	Status : Tiada	Status : Tiada Alternatif : A textbook of waterpower engineering (including dams engineering, hydrology and fluid power engineering) /R.K. Sharma, T.K.Sharma.
		Subramaya, K. (2013). Engineering Hydrology . Fourth Edition. Tata McGraw Hill.	Status : Tiada	Status : Edisi lama, 2009 Engineering hydrology / K. Subramanya TC145 .S835 2009 Subramanya, K. 2009
		Viessman, W. Jr . and Lewis, G. L. (2003). Introduction to Hydrology. Fifth Edition. Prentice Hall.	Status : Tiada	Status : Tiada
2	DCC50194 FINAL YEAR PROJECT 2 Version: 230419_1_Effecti v: June2019	Judith Bell. (2010). Doing Your Research Project, 5th Ed.,United Kingdom: McGraw Education.	Status : Tiada	Status : Tiada
		Azizi Yahaya. (2006). Menguasai Penyelidikan Dalam Pendidikan :Teori, Analisis dan Intrepretasi Data, Kuala Lumpur: PTS Professional Publishing Sdn. Bhd,	Status : Tiada	Status : Tiada
		Bell, J. (2005). Doing Your Research Project – A Guide for First Time Researchers in Education, Health and Social Science. United Kingdom: McGraw –Hill International	Status : Tiada	Status : Tiada
		Biro Penyelidikan dan Perancangan Intan.(1986).Manual Metodologi Penyelidikan.Kuala Lumpur: INTAN	Status : Tiada	Status : Tiada

		Eng Choon Leong (2017) Guide to Research Projects for Engineering Students: Planning, Writing and Presenting. CRC Press.	Status : Tiada	Status : Tiada
		Flynn (2017). Doing Research in Social Work and Social Care: The Journey from Student to Practitioner Researcher. London: SagePublications Ltd.	Status : Tiada	Status : Tiada

		Howard (1983). The Management of a Student Research Project. United Kingdom: Gower Publishing Limited	Status : Tiada	Status : Tiada
		Kamarudin (1990). Kaedah Penyelidikan: Panduan Mudah KerjaLuar.Kuala Lumpur: Fajar Bakti	Status : Tiada	Status : Tiada
		Sulaiman Masri. (2005). Kaedah Penyelidikan Dan Panduan Penulisan (Esei, Proposal, Tesis), Kuala Lumpur: Utusan Publishing & Distributors. ISBN: 9676117447	Status : Tiada	Status : Edisi lama, 2003 Kaedah penyelidikan dan panduan penulisan (esei, prposal,tesis) / /Sulaiman Masri LB2369 .S949 2003 Sulaiman Masri ,2003.
		Thomas, G. (2017). How to Do Your Research Project: A Guide for Students. London: Sage Publications Ltd.	Status : Tiada	Status : Tiada
3	DCC50203 REINFORCED CONCRETE DESIGN Version: 230419_1_Effecti v: June2019	Beeby, A.W. and Narayanan,R.S. Thomas Telford (1995). Designer's Handbook to Eurocode 2, Part 1.1: Design of Concrete Structures	Status : Tiada	Status : Tiada

		Mosley,W.H.Bungey.J.H. and Hulse,R.(2007). Reinforced Concrete Design to Eurocode 2, Sixth 6. Palgrave Macmilia	Status : Tiada	Status : Edisi 2012 Reinforced concrete design to Eurocode2 / Bill Mosley,John Bungey and Ray Hulse TA683.2 M63 2012 Mosley, W.H 2012
		Narayanan, R.S, Goodchild, C.G.(2006). The Concise Eurocode 2, The Concrete Centre, Surey.	Status : Tiada	Status : Tiada
		Narayanan, R.S.(Ed), (1994). Concrete Structures: Eurocode 2 and BS8110 Compared. Longman Scientific and Technical.	Status : Tiada	Status : Tiada
		Yassin, M.S., (2009). Reinforced Concrete Design to Eurocode 2. UTM Publisher, Skudai, Johor.	Status : Tiada	Status : Penulis berbeza. Edisi 2014 Reinforced concrete design to eurocodes design theory and examples / Prab Bhatt,Thomas J.Macginky,Ban Seng Choo TA683.2. M33 2014 Bhatt, Prab, 2014

4	DCC50222 HYDRAULICS Version: 230419_1_Effecti v: June2019	Terry W. (2010). Open Channel Hydraulics. Georgia Institute of Technology. The McGraw-Hill Companies	Status : Tiada	Status : Penulis berbeza Edisi lama1987 Open-Channel hydraulics / Richard H.French TC175 F78 1987 French, 1987
		Chadwick, A.J. et al. (2004). Hydraulic in Civil & Environmental Engineering. New York& London; US & UK. Spon Press	Status : Tiada	Status : Tiada

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		DoE, U. S. (1999). Improving pumping system performance: a sourcebook for industry. Prepared for the US Department of Energy, Motor Challenge Program by Lawrence Berkeley National Laboratory (LBNL) and Resource Dynamics Corporation (RDC).	Status : Tiada	Status : Tiada
		Douglas, J.F. et al (2000). Fluid Mechanics. US; Prentice Hall	Status : Tiada	Status : Ada Fluid mechanics / /John F. Douglas, Janusz M. Gasiorek, John A. Swaffield. TA357 .D68 2000 Douglas, John F. 2000
		E. John Finnemore. (2001). Fluids Mechanics with Engineering Applications. New York. McGraw Hill	Status : Tiada	Status : Tiada
		Robert (2006). Applied Fluid Mechanics. US. Prentice Hall	Status : Tiada	Status : Tiada
		Yunus A. (2014). Fluid Mechanics Fundamentals and Applications, 3rd Edition, US; McGraw Hill Education	Status : Tiada	Status : Ada Fluid mechanics fundamentals and applications / Yunus A. Cengel & John A. Cimbala TA357 .C46 2014 Cengel, Yunus A. 2014

5	DCC50232 ENGINEERING IN SOCIETY <i>Version: 230419_1_Effecti v: June2019</i>	Hamzah, Chen Wang, Norsiah, Mahdokht (2016). Professional Ethics in the Construction Industry. University of Malaya Press	Status : Tiada	Status : Tiada
		Abdul Talib Din (2018). Etika professional Jurutera Malaysia. Dewan Bahasa dan Pustaka.	Status : Tiada	Status : Tiada
		Bartholomew (2008). Building of knowledge (Developing expertise, creativity and intellectual capital) in the construction professions. Willey Blackwell	Status : Tiada	Status : Tiada
		Charles J.Kibert (2008). Sustainable construction. John Willey and Sons Inc.	Status : Tiada	Status : Ada Sustainable construction green building design and delivery / Charles J. Kibert TH880 .K53 2016 Kibert, Charles J. 2016
		Harrinton (2008). Technology and society. Jones & Bartlett Learning.	Status : Tiada	Status : Tiada
		Syaiful Nizam Hassan (2009). Engineers and Society for First Year Engineering Student. Universiti Malaysia Pahang	Status : Tiada	Status : Tiada
		Van DE Poel (2001). Ethics, Technology, and Engineering And Introduction. Willey Blackwell	Status : Tiada	Status : Tiada
		Winston (2008) Society, Ethics and Technology, Fourth Edition. Cengage Learning	Status : Tiada	Status : Tiada