FORM B: COURSE PLAN (To be uploaded in Google Classroom for students)

Faculty/Centre:	FOCS		**Course Coordinator:**	Ms.Malarvili a/p Nallayan					
Campus:	KL		**Other Tutors and Lecturers:**	Mr. See Kwee Teck, Ms.Ashvini Devi a/p Krishnan					
Course Code & Course Title:	BACS2023		**Moderator(s):**	Mr. Wong Hon Yoon					
Programme(s):	RDS1(S3), RIT2(S1), RMM2(s1), RSD2(S1), RSF1(S3), RI	**Examiner(s):**	Ms.Malarvili a/p Nallayan						
Credit Hours:	3		**Contact hrs/sem:**	L 28	T 0	P 28	O/B 0		
Session:	202005		**Course Weighting:**	CW 70 %		PR 0 %	EX 30 %		
Academic Year:	2020/2021		**Passing Threshold**	CW 50 %		PR X %	EX 40 %		

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)	Remarks
1	Lecture	Course Briefing Chapter 1: Introduction to Object Oriented Primitive and Reference types Static vs dynamic storage allocation	Liang, Y.D. 2019. Introduction to Java™ Programming. 11th edn. Prentice Hall.	
	Tutorial		Farrell, J. 2019. Java™ Programming. 9th edn. Cengage Learning.	
	Practical	Practical 1: Introduction to Object Orientation		
	Lecture	Chapter 2: Methods and Exception Handling	Liang, Y.D. 2019. Introduction to Java™ Programming. 11th edn. Prentice Hall.	

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)	Remarks
2	Tutorial		Farrell, J. 2019. Java™ Programming. 9th edn. Cengage Learning.	
	Practical	Practical 2: Methods and Exception Handling		
3	Lecture	Chapter 2: Methods and Exception Handling (Continue) Chapter 3: Arrays of Objects	Liang, Y.D. 2019. Introduction to Java™ Programming. 11th edn. Prentice Hall.	
	Tutorial		Farrell, J. 2019. Java™ Programming. 9th edn. Cengage Learning.	
	Practical	Practical 3: Arrays of Objects		
4	Lecture	Chapter 3: Arrays of Objects (Continue) Chapter 4: Objects and Classes	Liang, Y.D. 2019. Introduction to Java™ Programming. 11th edn. Prentice Hall.	
	Tutorial		Farrell, J. 2019. Java™ Programming. 9th edn. Cengage Learning.	

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)	Remarks
	Practical	Practical 4: Object and classes		
5	Lecture	Chapter 4: Objects and Classes (Continue)	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 4: Objects and Classes (Continue)		
6	Lecture	Chapter 4: Objects and Classes (Continue)	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 4: Objects and Classes (Continue)		

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)	Remarks
7	Lecture	Chapter 4: Objects and Classes (Continue)	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 4: Objects and Classes (Continue)		
8	Lecture	Chapter 5: Class for Processing Strings	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 5: Class for Processing Strings		
	Lecture	Chapter 6: Inheritance and Polymorphism	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)	Remarks
9	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 6: Inheritance and Polymorphism		
10	Lecture	Chapter 6: Inheritance and Polymorphism (Continued)	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 6: Inheritance and Polymorphism (Continue)		

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)	Remarks
11	Lecture	Chapter 7: Abstract Classes and Interfaces	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 7: Abstract Classes and Interfaces		
12	Lecture	Chapter 7: Abstract Classes and Interfaces (Continue)	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 7: Abstract Classes and Interfaces (Continue)		
	Lecture	Chapter 7: Abstract Classes and Interfaces (Continue) Chapter 8: OO Design and Patterns	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	

Week		Topics	Reference Materials (Books/Titles, Journals, Web articles, etc)	Remarks
13	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Practical 8: OO Design and Patterns		
14	Lecture	Chapter 8: OO Design and Patterns (Continue)	Deitel, P and Deitel H. 2018. Java: How to Program: Early Objects. 11th edn. Hoboken, NJ : Pearson	
	Tutorial		Deitel, P and Deitel H. 2018. Java: How to Program: Late Objects. 11th edn. Hoboken, NJ : Pearson"	
	Practical	Chapter 8: OO Design and Patterns (Continue)		

* Any changes made in the course plan must be recorded. For replacement of classes, please refer to the Replacement record kept in Central filing.

Continuous Assessment Type	Weighting	Week of Submisison
Assignment	100	12

Prepared by Course Coordinator:

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(Signature)

Date: 5/6/2020

Notes:

1. Upon the approval by the Course Leader/ Programme Leader/ Associate Dean,/Head of Division Form B must be uploaded onto respective online classroom and distributed to

2. Lecturers are advised to take into account the public holidays when planning the course plan.

3. Lecturers are advised to take into account the previous recommendation stated in Form J

Approved by Course Leader/Programme Leader/Associate Dean / Head of Division:

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(Signature)

Name: See Kwee Teck

Date: 08/06/2020