COURSE INFORMATION

Department/ Faculty:	Electronic System Engineering, Mechanical Precision Engineering, Chemical Proses Engineering Malaysia-Japan International Institute of Technology	**Page:**	1 of 4
Course code:	SMJP4204 / SMJE4923 / SMJC4823	**Academic Session/Semester:**	20192020 / 2
Course name:	Final Year Project II	**Pre/co requisite (course name and code, if applicable):**	
Credit hours:	42 hours		

Course synopsis	This course is a second stage of the Final Year Project by research which involves performing analytical/experimental/simulation works /studies at respective iKohza lab. The results of the project will be discussed with their respective supervisors, iKohza members as well as members of the departments. At the end of the course, students should be able to work independently and to produce a project report and able to present their findings. The students should also be able to manage and plan their research according to the period given.			
Course coordinator (if applicable)	Dr. Uswah Khairuddin			
Course lecturer(s)	**Name**	**Office**	**Contact no.**	**E-mail**
	Dr Uswah Khairuddin Dr Norhasnidawani Johari	CAIRO Lvl 8 05.28.01	03-22031493 03-22031323	uswah.kl@utm.my norhasnidawani@utm.my
	Dr. Nor Ruwaida Jamian	05.09.01	012-7632367	ruwaida.kl@utm.my
	Ir. Dr. Kamilia Kamardin	07.27.01	013-3301660	kamilia@utm.my

Mapping of the Course Learning Outcomes (CLO) to the Programme Learning Outcomes (PLO), Teaching & Learning (T&L) methods and Assessment methods:

No.	CLO	PLO (ICGPA CODE)	Weight (%)	*Taxonomies And**generic skills*	T&L methods	WP	WK	EA	***Assessment methods
1	Conduct analysis and investigation into complex engineering problems using research based knowledge and methods learned in iKohza.	2, 4	50	Refer Rubrics - Report, Log Book & Rinkou	Self-learn	3	1-4, 8	-	R, Pr, TP
2	Design and develop complex engineering problems by using appropriate technique, modelling and software.	3, 5	35	Refer Rubrics - Rinkou & Presentation	Self-Learn	2	5, 6	-	R, Rk, Pr, TP
3	Communicate effectively either orally or in written form.	9	8	Refer Rubrics - Report & Presentation	Rinkoh, Presentation	-	-	√	Pr, TP
4	Manage project plan individually or in a team	10, 12	7	Refer Rubrics - Report Log Book & Presentation	Rinkoh, Presentation	-	-	√	L, R

Prepared by: Name: Signature: Date: 30-01-2018	Certified by: Name: Signature: Date:

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Details on Innovative T&L practices:

Student Learning Time (SLT) Details:

Distribution of student Learning Time (SLT) Course content outline	Guided Learning (Face to Face)				Teaching and Learning Activities		TOTAL SLT
					Guided Learning Non-Face to Face	Independent Learning Non-Face to face	
CLO	**L**	**T**	**P**	**O**			
1				20	20	20	**60**
2				12	20	10	**42**
3				4	2	3.6	**9.6**
4	6				2.4	0	**8.4**
Total SLT	**6**			**36**	**44.4**	**33.6**	**120**

Weekly Schedule:

ACTION PLAN				
No	Subject	Marks (%)	Week*	Notes
1	Poster (Presentation)	20	15	Students need to present their FYP project during poster session.
2	Peer Assessment	4	14	iKohza members (PG students will evaluate)
3	Technical Paper	10	14	2 page technical paper in non-indexed publication
4	Rinkou	3	14, 15	FYP Supervisors are required to submit the assessment forms to the academic office.
5	Log Book	3		
6	Project Report	60		
7	Project	-	17	Supervisors will submit their student's marks to the MJIIT FYP coordinators.
8	Thesis Submission (hardcover and CD-softcopy)	-	17	Students need to submit two hard bounded copies of their thesis plus its softcopy (in PDF format) to the MJIIT main office.

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Transferable skills (generic skills learned in course of study which can be useful and utilised in other settings):

Assessment details:

ASSESSMENT DETAILS										
Assessment Method		CLO	Taxonomy and Soft-Skills	PO2	PO3	PO4	PO5	PO9	PO10	PO12
Components	Grading									
Rinkou	3	2			3					
Log Book/File	3	4								3
Peer Assessment	4	4							4	
Presentation (Poster)	20	1				10				
		2					5			
		3						5		
Technical Paper	10	1				7				
		2					3			
Project Report	60	1		12		24				
		2			12		12			
Total Marks	100%			12	15	41	20	5	4	3

Special requirement to deliver the course (e.g: software, nursery, computer lab, simulation room):

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Academic honesty and plagiarism:

Cheating is not only dishonest, but also self-destructive. Some of the principles of academic honesty that are especially important in this courses are:

- Plagiarism is a very serious violation. All the writing in your documentation and/or reports must be your own work. You may not copy sentences or paragraphs from books, web pages, other students, or any other source. If you quote or use anything written by anyone else, you must indicate very clearly that it is a quotation ***and*** you must provide a full citation.
- All the programming code that you claim credit for (implicitly or explicitly) must be your own creation. If you use software written by anyone else, you must disclose this very clearly both in your code and in all accompanying documentation and reports.
- Tables and figures of programming results that show how your programs run, must be genuine and not misleading. It may happen that some of your code or algorithms do not work correctly. In this case you must mention and explain this situation in documentation and reports.
- If you work in a team on any assignment or project, and there is a case of academic dishonesty, then all members of the team will be assumed to be equally responsible and will be subject to the same penalties. If you work in a team, it is your responsibility to make sure that your partners are as honest as you are, and that they are well-informed about what is permissible.

Other additional information (Course policy, any specific instruction etc.):

Disclaimer: