Tamkang University Academic Year 110, 2nd Semester Course Syllabus

Course Title	Course Title SEMINAR (II) Instructor KANG SHUNG-WEI					
Course Class	TEBXD1A DOCTORAL PROGRAM, DEPARTMENT OF MECHANICAL AND ELECTRO-MECHANICAL ENGINEERING, 1A	Details	 General Course Required One Semester 			
Relevance to SDGs	SDG6 Clean water and sanitation ance SDG7 Affordable and clean energy					
	Departmental Aim of Educ	ation				
science electro II. To trai standa industi III. To mo	 I. To prepare students who have a comprehensive understanding of the principles of applied sciences and engineering to be innovators in the field of mechanical and electromechanical engineering. II. To train emerging professionals who possess a high level of expertise and ethical standards who will become independent research and development leaders in the industry. II. To motivate students who will pursue continuing education as a means to stay on the 					
	edge of global competiveness and meet changes in their caree ace with confidence and ease.					
	Subject Departmental core competenc	es				
A. Head: Ki	nowledge of mechanical and electromechanical engineering.(ra	tio:60.00)				
C. Heart: Lo	ove of learning and innovation.(ratio:20.00)					
D. Eye: Vision of progress and improvements.(ratio:20.00)						
	Subject Schoolwide essential virtues					
1. A global perspective. (ratio:20.00)						
2. Information literacy. (ratio:50.00)						
5. Indeper	ndent thinking. (ratio:30.00)					

Ir	Course Introduction							
	The	correspo	ndences between the c	course's instructional objectives and the	cognitive, affective,			
		-	an	d psychomotor objectives.				
			objective methods amo nstructional objectives.	ng the cognitive, affective and psychomot	tor			
			-					
I.	-	-		is kinds of knowledge in the cognition of				
II.				ocedures, outcomes, etc. kinds of knowledge in the course's appea	Ι,			
	moi	rals, attitu	ude, conviction, values,	etc.				
III	-	: Emphas nipulatioi		course's physical activity and technical				
	IIIdl	πραιατισι						
			Teaching Ob	niectives	objective methods			
No.			reaching Oc	Jectives	objective methods			
1	To explore a	nd learn t	the motivation and the i	innovative purpose of	Affective			
			ering research.					
	The	correspond	lences of teaching objectives	: core competences, essential virtues, teaching me	thods, and assessment			
No.	Core Compe	tences	Essential Virtues	Teaching Methods	Assessment			
1	ACD		125	Lecture, Discussion, Publication	Testing, Study			
					Assignments,			
					Discussion(including classroom and online),			
					Report(including oral and			
					written), Activity Participation			
	Course Schedule							
Wee	k Date		Cou	rse Contents	Note			
1	111/02/21~ 111/02/25	Introduction						
2	111/02/28 ~ 111/03/04	Papers reading, analyzing and discussion						
3	111/03/07 ~ 111/03/11	Papers reading, analyzing and discussion						
4	111/03/14~ 111/03/18	Papers reading, analyzing and discussion						

6 1110401 Paper's reading, analyzing and discussion 7 1110404- 1110405 Paper's reading, analyzing and discussion 8 111041- 11104075 Paper's reading, analyzing and discussion 11104075- 1110407-	5		Papers reading, analyzing and discussion		
7 111/04/04- 111/04/15-	6		Papers reading, analyzing and discussion		
8 111.04/15 Papers reading, analyzing and discussion 9 111.04/22 Midterm Report 10 111.04/22 Papers reading, analyzing and discussion 11 111.05/02 Papers reading, analyzing and discussion 11 111.05/02 Papers reading, analyzing and discussion 12 111.05/02 Papers reading, analyzing and discussion 13 111.05/16 Papers reading, analyzing and discussion 14 111.05/16 Papers reading, analyzing and discussion 15 111.05/16 Papers reading, analyzing and discussion 16 111.05/16 Papers reading, analyzing and discussion 17 111.05/17 Final Report/Presentation/Group Discussion 18 110/05/17 Final Report/Presentation/Group Discussion 11 111.05/14 Bindle ##%%% Final Report/Presentation/Group 11.05/14 Discussion Intervent 11 110/05/24 Midtet ##%%% Final Report/Presentation/Group Intervent 110.05/24 Discussion Intervent Intervent 12 110/05/24 The selected research papers, books and patents Interelet research papers, books	7		Papers reading, analyzing and discussion		
9 III.04/22 Midterm Report 10 III.04/25	8		Papers reading, analyzing and discussion		
10 III.04/29 Papers reading, analyzing and discussion 11 III.05/06- III.05/07- I	9		Midterm Report		
11 11.05/06 Papers reading, analyzing and discussion 12 11.05/06	10		Papers reading, analyzing and discussion		
12 111.05/13 Papers reading, analyzing and discussion 13 111.05/26 Papers reading, analyzing and discussion 14 111.05/27 Papers reading, analyzing and discussion 15 111.05/28 Papers reading, analyzing and discussion 16 111.05/26 Final Report/Presentation/Group Discussion 17 111.05/27 Final Report/Presentation/Group Discussion 18 111.05/27 Final Report/Presentation/Group Discussion 18 111.05/27 final Report/Presentation/Group Discussion 18 111.05/27 #Mi@retHatState: Final Report/Presentation/Group Discussion 18 111.05/27 #Mi@retHatState: Final Report/Presentation/Group Discussion 18 111.05/24 #Mi@retHatState: Final Report/Presentation/Group Discussion 19 111.05/24 #Mi@retHatState: Final Report/Presentation/Group Discussion 10 111.05/24 #Mi@retHatState: Final Report/Presentation/Group Discussion 11 111.05/24 #Mi@retHatState: Final Report/Presentation/Group Discussion 11 111.05/24 #Mi@retHatState: Final Report/Presentation/Group Discussion 11 11.05/24 The selected research papers, books and patents <td>11</td> <td></td> <td colspan="3">Papers reading, analyzing and discussion</td>	11		Papers reading, analyzing and discussion		
13 111/05/20 Papers reading, analyzing and discussion 14 111/05/27 Papers reading, analyzing and discussion 15 111/05/30- Papers reading, analyzing and discussion 16 111/05/00- Final Report/Presentation/Group Discussion 17 111/05/13- Final Report/Presentation/Group Discussion 18 111/05/20- thia Report/Presentation/Group Discussion 18 111/05/20- thia Report/Presentation/Group Discussion 18 111/05/20- thia Report/Presentation/Group Discussion 19 111/05/20- thia Report/Presentation/Group Discussion 111/05/20- thia Report/Presentation/Group Discussion Interview Requirement Teat-hing Facility Computer, Projector Teatbooks and Teaching Materials References Number of Assignment(s) (Filled in by assignment instructor only) Attendance : 15.0 % Mark of Usual : 15.0 % Midterm Exam : 30.0 % Final Exam : 40.0 % 	12		Papers reading, analyzing and discussion		
14 111/05/27 Papers reading, analyzing and discussion 15 111/05/03 Papers reading, analyzing and discussion 16 111/06/04 Final Report/Presentation/Group Discussion 17 111/06/14 Final Report/Presentation/Group Discussion 18 111/06/24 Nimmetrian Report/Presentation/Group Discussion 18 111/06/24 Nimmetrian Report/Presentation/Group Discussion reaching Facility Computer, Projector Teaching Facility Computer, Projector retring facility The selected research papers, books and patents reaching Materials (Filled in by assignment instructor only) Srading Policy Attendance : 15.0 % Mark of Usual : 15.0 % Midterm Exam : 30.0 % Final Exam : 40.0 % 	13		Papers reading, analyzing and discussion		
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16 11/06/10 Final Report/Presentation/Group Discussion 17 111/06/13 ~ Final Report/Presentation/Group Discussion 18 111/06/27 教師彈性補充教學: Final Report/Presentation/Group Discussion Requirement 2000 文師彈性補充教學: Final Report/Presentation/Group Discussion Teaching Facility Computer, Projector Textbooks and Teaching Materials The selected research papers, books and patents References (Filled in by assignment instructor only) Attendance : 15.0 % ◆ Mark of Usual : 15.0 % ◆ Midterm Exam : 30.0 % Grading Policy ◆ Final Exam : 40.0 %	15		Papers reading, analyzing and discussion		
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Grading Policy ← Final Exam: 40.0 %			(Filled in by assignment instructor only)		
	-		◆ Final Exam: 40.0 %		

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