Toyama College		Year 2022		Course Title	Technical Des	Fechnical Design and Drawing Ⅲ			
Course	Informa	ation							
Course Co	ode	0089			Course Category		zed / Elective		
Class For	mat	Lecture			Credits	School (	School Credit: 1		
Departme	ent		Department of Electrical and Control Systems Engineering			3rd			
Term		Second Se	emester		Classes per Wee	ek 2			
Textbook Teaching	and/or Materials	機械製図(	実教出版)						
Instructor	r	Urakaze K	azuhiro						
Course	Objectiv	/es							
1)Draw m 2)Design	nechanica machines	l parts.	students will be ical elements. le parts data.	e able to					
Rubric									
			Ideal Level of	Achievement	Standard Level	Standard Level of Achievement		Unacceptable Level of Achievement)	
Evaluatio	n 1		Can draw mec almost perfect	hanical parts ly.	Can draw mecha correctly.	Can draw mechanical parts correctly.		chanical parts.	
Evaluation 2			Can design ma mechanical ele perfectly.	chines with	Can design mac mechanical elen	Can design machines with mechanical elements correctly.		Can't design machines with mechanical elements	
Evaluation 3			Can use 3-D C. machine parts perfectly.		Can use 3-D CAD to create machine parts data correctly.		Can't use 3-D C machine parts o		
Assiane	ed Depa	rtment Obj					1		
	ng Meth								
Outline		Students Students	draft to get the l	basics of mechar	nd how to use me nical design. reduction device in				
Style			nd exercises	design the gear i					
,									
Notice		Can take	nakeup exam in	need aid up to i	maximum of 60 pc	ints.			
	teristics		nakeup exam in Division in Le	•	maximum of 60 pc	ints.			
Charact	teristics • Learning	of Class / I	•	arning	maximum of 60 po		Experienced	rofessionally	
Charact	e Learning	of Class / I	Division in Le	arning	· · ·			rofessionally	
Charact	e Learning	of Class / I	Division in Le	arning	Applicable to	Remote Class		rofessionally	
Charact	e Learning		Division in Le	arning	Applicable to	Remote Class Goals	Experienced		
Charact	e Learning	of Class / I	Aided by IC Aided by IC heme D CAD ketch and Featu	arning	Applicable to	Remote Class Goals Can create obj	Experienced	el.	
Charact	e Learning	of Class / I	Division in Le	arning T T	Applicable to	Remote Class Goals Can create obj Can create 6 o	Experienced ects of primary lev bjects of middle lev	el. vel.	
Charact	e Learning	of Class / I T 1st 3 2nd 3 3rd 3 S	Division in Le	arning CT IT Ire	Applicable to	Remote Class Goals Can create obj Can create 6 o	Experienced	el. vel.	
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Charact	2 Learning Plan 3rd Quarter	of Class / I         1st         1st         2nd         3rd         3rd         3rd         3th         6th         3s         6th         7th         8th         9th         10th         11th         12th         13th         14th	Division in Le	arning T T and Assemble and Assemble and Assemble	□ Applicable to	Remote Class Goals Can create obj Can create ob Can create ob Can create bol Can create bol Can create bol Can create spr Can create spr Can create bea Can create the Can create the Can create the Can create the Can create the Can create the	Experienced ects of primary lev bjects of middle lev bjects of middle lev t, nut and washer. ing. aring. nk mechanism. dual reduction dev dual reduction dev dual reduction dev dual reduction dev	el. vel. vel. vice. vice. vice. vice. vice.	
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Technical Ability	20	0	0	0	0	0	20
Interdisciplinar y Ability	0	0	0	0	0	0	0