Оу	am	a College		Advanced Course of General Engineering				eral	Year		2024				
De	par	tment Goals												1	
Сог	ırs		C			Class	Hours pe	er Week		1					Divisio
e	00	Course Title	e	Credit	Credit	Adv.	1st Y	1		Adv. 2	nd Y	1		Instru	n in
ory	ey		Code	Type	S	1st	20	2nd	40	1st	20	2nd	40		ng
	6						2Q	JJQ	40		2Q	JŲ	+Q	]	
Ge	m			Acade				1	-	1	1		_	YOSHI	
ne	pu Iso	Applied English I	0005	mic Credit	2	2								MURA   Rie	
	ry														
Ge	El			Acade			-	1		1	1	1	-	YOSHI	
ne ral	tiv	Applied English II	0006	mic Credit	2			2						MURA   Rie	
	e El														
Ge	ec	Outline of Japanene	0007	Acade	2	2								SHIBA	
ral	tiv e	language	0007	Credit		<u> </u>								Miyuki	
Sp															
eci	ec	Applied Mathematics	0001	Acade	2			2						онwа	
ze	tiv e	Mechanics		Credit				2						Seira	
a	-														
														KI	
														Shin-	
														e,OSH	
														Ryuich	
														i,SATO	
														i,KOB	
Sp	Со													HI	
ali	m pu	環境技術	0002	Acade mic	2			2						Yasuhi	
ze	lso			Credit			-			1				NÁKA	
l	тy														
														SHII	
														Kei,Xia	
														Li,OH	
														Seira,	
														FUMIN	
														Hikaru	
Sp	Co														
eci	m	<u> </u>	0003	Acade	2	2								,5020   KI	
ze	lso		0005	Credit	2	<u> </u>								Shin-	
d	ry													e	
														IZAW	
														Satoru	
														,KAMI YA	
														Tetsu,	
														AMAG	
Sp	Co													Kenji,	
ali	m pu	System Desian	0004	Acade	2	2								RA	
ze	lso	-,		Credit				1		1	1		1	ro,YA	
ľ	тy													GÍ	
														,HANA	
														DA Yasuy	
														Takas	
<u> </u>														hi	
C														GAWA	
eci	El			Acade				1	1	1	1	1		Hiden	
ali  ze	tiv	Complex Analysis	0008	mic Credit	2	2						1		AZAKI	
d	e													Masao	
														A So	

Sp eci ali ze d	El ec tiv e	Applied Analysis	0009	Acade mic Credit	2	2	NAGA MINE Takan ori,OK ADA So
Sp eci ali ze d	El ec tiv e	Mathematics for Physical Chemistry and Chemical Engineering	0010	Acade mic Credit	2	2	SAKAI Hirosh i,KASH IMA Keita
Sp eci ali ze d	El ec tiv e	Applied Science	0011	Acade mic Credit	2	2	MASU YAMA Tomoy a
Sp eci ali ze d	Co m pu Iso ry	特別研究 I	0012	Acade mic Credit	6	3 3	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e
Sp eci ali ze d	Co m pu Iso ry	実務研修 I	0013	Acade mic Credit	2	Intensive	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e
Sp eci ali ze d	El ec tiv e	実務研修Ⅲ	0014	Acade mic Credit	2	Intensive	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e
Sp eci ali ze d	El ec tiv e	実務研修Ⅳ	0015	Acade mic Credit	2	Intensive	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e
Sp eci ali ze d	El ec tiv e	実務研修Ⅴ	0016	Acade mic Credit	2	Intensive	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e
Sp eci ali ze d	El ec tiv e	 実務研修VI	0017	Acade mic Credit	2	Intensive	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e
Sp eci ali ze d	El ec tiv e	実務研修Ⅱ	0018	Acade mic Credit	2	Intensive	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e

Ge ne ral	Co m pu Iso ry	Ethics of Engineers	0014	Acade mic Credit	2	2	UENO Tetsu, TAKEU CHI Kosei	
Sp eci ali ze d	Co m pu Iso ry	Industrial Property	0015	Acade mic Credit	2	2		
Sp eci ali ze d	Co m pu so ry	プロジェクトデザイン	0016	Acade mic Credit	2		NASU Yuki	
Sp eci ali ze d	Co m pu Iso ry	特別研究Ⅱ	0017	Acade mic Credit	11	5.5 5.5	SAKAI Hirosh i,RAH OK SAM ANN,S UZUKI Shin- nosuk e	

0	yama Co	ollege	Year	2024		Course Title	Applied English I		
Course	Informa	tion							
Course Co	ode	0005			Course Categor	y Genera	/ Compulsory		
Class Forr	mat	講義・演習			Credits	Acaden	nic Credit: 2		
Departme	ent	Advanced (	Course of Gene	ral Engineering	Student Grade	Adv. 19	t		
Term		First Seme	ster		Classes per We	ek 2			
Textbook Teaching	and/or Materials	Discuss the Bottom Up	e Changing Wor Listening for th	ld 2 (SEIBIDO) ne TOEIC Test (SE	IBIO)				
Instructor	-	YOSHIMUR	A Rie						
Course	Objectiv	es							
1. To be a 2. To imp	able to use rove oral/a	the type of E aural abilities	inglish used in t through pair, g	technical situations roup, and speakin	s g activities				
Rubric					•				
			理想的な到達レ	ベルの目安	標準的な到達レイ	ベルの目安	未到達レベルの目安		
評価項目1			Students are a spoken and wr accurately.	ble to understand itten English	Students are al understand spo English.	ole to adequate oken and writte	ely Students are not able to understand spoken and written English adequately.		
評価項目2			Students are a themselves cor fluently.	ble to express nfidently and	Students are al themselves, the sometimes hes	ole to express ough are itant to speak.	Students are not able to express themselves confidently and fluently.		
評価項目3			Excellent critica synthesis of re	al evaluation and levant issues	Good critical ev synthesis of rel	aluation and evant issues.	Demonstrate poor techniques of inquiry		
Assigne	d Depar	tment Obje	ctives						
JABEE (d-	2) JABEE	(d-4) JABEE (	E) JABEE (f) JA	BEE (g)					
Teachin	g Metho	d							
Outline		The class v understanc	vill focus on spe ling and explair	eaking and listenin	g, learning basi ve experienced v	learning basic and practical communication skills in experienced with a fair level of adequacy, fluency.			
Style		Students a Students a Positive pa	re given opport re required to b rticipation is hig	unities to explore pring a English/Jap ghly evaluated.	the types of Englandse Japanese	glish in technic e/English dictio	al situations. nary.		
Notice		Students w Students w 入しますの	rho miss regula rill purchase the で、後でお知らせ	r assignments will e text book at the さする金額を準備して	be given a mar first lesson.(* て来てください。)	k of zero. 4月の第1回目 )	最初の授業で教室にて教科書を全員購		
Charact	eristics of	of Class / D	ivision in Le	arning					
Active	Learning	<b>,</b>	□ Aided by IC	Т	Applicable t	o Remote Clas	5 Instructor Professionally Experienced		
6									
Course	Plan					Caala			
						Goals			
		1st VV				Introductions,	syllabus review		
		2nd Bo CL	ttom Up Listen IL Unit 2	ing for the TOEIC	Test Unit 1, 2	Identifying su project The Circular E	o-tasks or sub-problems of the conomy		
		3rd Bo CL	ttom Up Listen IL Unit 2	ing for the TOEIC	Test Unit 3, 4	Proposing necessary steps in performing the project The Circular Economy			
		4th Bo	ttom Up Listen LIL Unit 3	ing for the TOEIC	Test Unit 5, 6	Clarifying deta project Road to Decar	iled information concerning the bonization		
	1st Quarter	5th Bc	ttom Up Listen LIL Unit 3	ing for the TOEIC	Test Unit 7, 8	Clarifying deta project Road to Decar	iled information concerning the bonization		
1 ct		6th 10 C	ottom Up Lister LIL Unit 5	ning for the TOEIC	Test Unit 9,	Giving instruct Delivery Robo	ions to the members of a project		
Semeste r		7th British	ottom Up Lister ,12 LIL Unit 5	ning for the TOEIC	CTest Unit	Giving instruct Delivery Robo	ions to the members of a project		
2 G		8th 13 C	ottom Up Lister ,14 LIL Unit 7	ning for the TOEIC	C Test Unit	Developing a Gendered Divi	new product using smell technology sion of Housework		
		9th 15 C	ttom Up Listen ,16 LIL Unit 7	ing for the TOEIC	Test Unit	Identifying pro Gendered Divi	blems sion of Housework		
	2nd	10th BC	ttom Up Listen ,18 LIL Unit 8	ing for the TOEIC	Test Unit	Identifying pro Preparing for	blems, Discussing solutions Emergencies		
	Quarter	11th 19	ttom Up Listen ,20 LIL Unit 8	ing for the TOEIC	Test Unit	Discussing sol Preparing for	utions Emergencies		
		12th British	CLIL Unit 8 Bottom Up Listening for the TOEI 2th 21,22 CLIL Unit 10,12			Reporting how the plan is progressing Digital Society			

	13th			ottom Up Listeni 13,24 CLIL Unit 10,12	ng for the TOEIC	Test Unit	Checking the process of experimental procedures using specimens Digital Society					
14th			4th P	Presentation CLIL Unit Review			Checking the results of the plan Multicultural Exchange in Japan					
		1!	5th P	Presentation CLIL Unit Review			Confirming the p program Multicultural Exch	erformance of a nange in Japan	new software			
		10	6th 育	前期期末試験			既習内容の確認					
Evaluati	on M	ethoo	d and W	eight (%)								
		試験		発表	相互評価	態度	ポートフォリオ	その他	Total			
Subtotal		60		20	0	0	0	20	100			
基礎的能力	J	60		20	0	0	0	20	100			
専門的能力 0		0		0	0	0	0	0	0			
分野横断的能力 0			0	0	0	0	0	0				

Oyama College				Year 2024			Course Title	5	Applied Englis	h II	
Course	Inform	ation									
Course Co	ode	0006	5			Course Categor	y Gene	ral /	Elective		
Class For	mat	講義	・演習			Credits	Acade	emic	Credit: 2		
Departme	ent	Adva	inced C	ourse of Gener	al Engineering	Student Grade	Adv.	1st			
Term		Seco	nd Sem	nester		Classes per Wee	ek 2				
Textbook Teaching	and/or Material	s Give	n hando	outs		• •	L.				
Instructor	-	YOSI	HIMURA	A Rie							
Course	Object	ives									
1.To learr 2.To learr	n key aca n presen	ademic sk tation ski	tills as s lls and a	students engag authentic langu	e with thought-pi lage students nee	rovoking TED Tal ed to successfully	ks deliver thei	r ow	n presentations.		
Rubric						. <u></u>			-		
			Ŧ	理想的な到達レイ	ベルの目安	標準的な到達レヘ	いの目安		未到達レベルの目	安	
評価項目1				Students are at spoken and wri accurately.	ble to understand tten English	d Students are able to adequately understand spoken and written English.			Students are no understand spol English adequat	t able to ken and written ely.	
評価項目2			s t f	Students are al hemselves con luently.	ble to express fidently and	Students are able to express themselves, though are sometimes hesitant to speak.			tudents are not themselves cont fluently.	able to express fidently and	
評価項目3				Excellent reflect	tion on practice	Good level of re practice and sel	flection on f-evaluation		Superficial reflect practice	ction from	
Assigne	d Depa	artment	Obje	ctives							
JABEE (d-	-2) JABE	E (d-4) J	ABEE (E	E) JABEE (f) JA	BEE (g)						
Teachin	g Meth	nod									
Outline		This learr	class pi ing. Sti	rimarily focuse udents will be a	d on presentation able to deepen th	skills. Students eir understanding	synthesize ii g of a chose	nforr n, re	nation and consol levant topic.	idate their	
Style		Stud Posit	ents ar ive par	e required to b ticipation is hig	ring a Japanese-E hly evaluated.	English dictionary	•				
Notice		Stud	ents wł	no miss a prese	entation will be gi	ven a mark of ze	ro				
Charact	eristics	of Clas	s / Di	vision in Lea	arning						
Active	Learnin	g		Aided by IC	T	Applicable to	Remote Cla	ass	Instructor Pr Experienced	ofessionally	
Course	Plan										
			The	eme			Goals				
		1st	We	lcome class			Introduction	s, sy	llabus review		
		2nd	Inte	erview practice	/ Academic Engl	ish?	Focus your topic Practicing a range of the themes most likely to appear in the interview				
		3rd	Des	scribing date			Finding and	eval	uating sources of	evidence	
	3rd Quartei	- 4th	Dis	cussion topics			Practicing a ively discus	rang sion	e of the themes i	n the context of	
		5th	Deb	bate		-	Techniques	and	structure of debat	te	
		6th	Deb	bate			Learning a r	ange	e of languages in a	argumentation	
2nd		7th	Ref	nearse Presenta	ations		Rehearse yo	ur i	ndividual presenta	ation	
r		8th	Stu	dent Presentat	ions		Give an indi	/idua	al presentation		
		9th	Stu	ident Presentat	ions		Give an indi	/idua	al presentation		
		10th	The	e visual Messag	e		Use an effec	tive	hook		
		11th	Ass	ertion-evidenc	e approach		Tell a persor	nal s	tory		
	4th	12th	Ass	ertion-evidenc	e approach		Consider yo	ur au	Idience		
	Quarter	13th	Ref	nearse your Pre	esentations		Rehearse yo	ur ir	ndividual presenta	tion	
14th			Stu	ident Presentat	ions		Give an indi	/idua	al presentation		
15th S			Stu	dent Presentat	ions		Give an indi	/idua	al presentation		
16th Stud				ident Presentat	ions		Give an indi	/idua	Jual presentation		
Evaluation Method and Weigh				Veight (%)							
	Ē	式験	ž	発表	相互評価	態度	ポートフォリ	ノオ	その他	Total	
Subtotal	2	.0	7	70	0	0	0		10	100	
基礎的能力 20 70			70	0	0	0		10	100		
専門的能力 0			(	)	0	0	0		0	0	
分野横断的能力 0			0		0	0	0		0	0	

Oyama College				Year 2024		C	ourse Title	Applied Mathematics for Structural Mechanics		
Course	Informa	tion								
Course Co	ode	0001				Course Catego	γ	Specializ	zed / Elective	
Class For	mat	Lecture				Credits		Academi	ic Credit: 2	
Departme	ent	Advance	ed Co	urse of Gene	ral Engineering	Student Grade		Adv. 1st		
Term		Second	Seme	ester		Classes per We	ek	2		
Textbook Teaching	and/or Materials	Mathem Asakura	atics Shot	for Architectu ten	ural Engineering (I	Mathematics as	the La	nguage o	f Science), Naoki Kato et al.,	
Instructor	ſ	OHWA S	Seira							
Course	Objectiv	es								
Explain ho 1. Explain 2. Explain 3. Explain	ow each ite the math the use o the conte	em of math ematical re of differentia ents related	nema eprese al equ l to n	itics is used ir entation of va uations in arc umerical calc	n architecture. arious phenomena hitecture. ulations in archite	in architecture. cture.				
Rubric										
			Id	leal Level		Standard Level			Unacceptable Level	
Achievem	ient 1		Fu ex re pł	ully understar plain the ma presentation henomena in	nd and clearly thematical of various architecture.	The mathemati representation phenomena in be explained in	ical of vari archite gener	ous ecture car al.	It is not possible to explain the mathematical expression of various phenomena in architecture.	
Achievem	ient 2		Ga of dit ar	ain a thoroug f and clearly e ifferential equ rchitecture.	h understanding explain the use of lations in	The use of diffein architecture explained.	erentia can be	l equatior roughly	The use of differential equations in architecture cannot be explained.	
Achievem	ient 3		Fu ex nu ar	ully understar xplain the con umerical calcu rchitecture.	nd and clearly Itents related to Ilations in	Able to explain related to num in architecture.	the co erical c	ontents calculation	Be not able to explain the content related to numerical calculations in architecture.	
Assigne	d Depar	tment Ol	piect	tives		•				
JABEE (c)	JABEE (C	) JABEE (g	)							
Teachin	a Metho	d								
Outline		In accor	dance	e with the te	xtbook, we will ex	plain how each i	tem of	mathem	atics is used in architecture,	
Outline		focusing	on e	examples of it	s use.					
Style		each tim 2. Under phenom 3. Repor	rstan ena. rt ass	id the mather	natics used in arcl be given as appr	nitecture, how to opriate.	o use i	t, and the	e characteristics of the resulting	
Notice		Since th	e ma	in focus is on	architecture and	mathematical a	pplicat	ion to the	ir own themes, students should	
Charact	oristics (	of Class /		ision in La	arning					
					arning				Instructor Professionally	
☑ Active	Learning			Aided by IC	T	Applicable to	o Rem	ote Class	Experienced	
Course	Plan									
			Ther	ne			Goals			
		1st	Appl equa diffe	lication examp ations and line rential equati	ples of ordinary di ear first-order ord ons.	fferential Be able to re differential ed ordinary diffe			ze application examples of ordinary ations and linear first-order Intial equations.	
		2nd	Cons diffe	stant-coefficie rential equati	ent linear second-c	order ordinary	Be abl	le to reali d-order o	ze constant-coefficient linear rdinary differential equations.	
		3rd	Varia	able 2nd orde	er ordinary differer	ntial equations.	Be abl differe	le to reali ential equ	ze variable 2nd order ordinary ations.	
	3rd Quarter	4th	Cons diffe	stant-coefficie rential equati	ent linear high-ord ons.	er ordinary	Be abl order	le to reali ordinary	ze constant-coefficient linear high- differential equations.	
		5th	Syste	em of first-or	der differential eq	uations.	Be ab equati	le to reali ions.	ze system of first-order differential	
2nd		6th	Four	rier analysis a	nd Fourier series.		Be abl series	le to reali	ze fourier analysis and Fourier	
Semeste r		7th	Com	plex Fourier	series and Fourier	transform.	Be abl Fourie	le to reali er transfoi	ze complex Fourier series and rm.	
		8th	Four resp	rier transform onse and con	of time function a volution.	and impulse	Be ab functio	le to reali on and im	ze fourier transform of time pulse response and convolution.	
4th Quarter		9th	Appl spec funct	lication examp tra and Fouri tions.	ples of correlation er transforms and	functions and correlation	Realize function correlation	e applicat ons and s ation fund	tion examples of correlation pectra and Fourier transforms and stores.	
	10th	Appl defin	lications of the	e Laplace transfor	m and its	Realiz its def	e applicat inition.	ions of the Laplace transform and		
	11th	Solut	tion by Lapla	ce transform.		Realiz	e solutior	by Laplace transform.		
		12th	Linea	ar constant co	onstant coefficients, n-order ordinary			Realize linear constant coefficients, n-order		
		13th	Appl	lication to par	tial differential equipole to the second sec	uations and	Realize	e applicat	tion to partial differential equations	

	14th 15th		Variational metho	ds and function r	naxima.	Realize variational methods and function maxima. Realize Euler's equations and second variations and boundary conditions.					
			Euler's equations boundary condition	and second varia	tions and						
16th											
Evaluati	on Me	ethod and V	Veight (%)								
		Examination	Presentation (Q&A)	Report Assignments	Behavior	Portfolio	Other	Total			
Subtotal		0	50	50	0	0	0	100			
Basic Proficienc	у	0	10	10	0	0	0	20			
Specialize Proficienc	d Y	0	20	20	0	0	0	40			
Cross Area Proficiency		0	20	20	0	0	0	40			

0	yama Co	ollege	Year		2024			Course Title	環境技術
Course	Informa	tion	·						
Course Co	ode	0002				Course Catego	ry	Specialize	ed / Compulsory
Class Forr	mat	Lecture				Credits		Academic	c Credit: 2
Departme	ent	Advance	d Course of G	ene	ral Engineering	Student Grade		Adv. 1st	
Term		Second S	Semester			Classes per We	ek	2	
Textbook Teaching	and/or Materials								
Instructor	r	SUZUKI Kei,Xiaoy	Shin-nosuke,( ang Li,OHWA	SH Sei	IMA Ryuichi,SATO ira,FUMINO Hikaru	) Atsushi,KOBAY J	ASH	I Yasuhiro,T	ANAKA Takakuni,NISHII
Course	Objectiv	es							
2. I would has becor acceptable	d like you t ne a hot to e)	o experienc opic these c	e the electric ays, through	pov our	ver business and e proprietary board	energy problems I game. Student	s tha s are	t are greatly e very welco	related to decarbonization, which me to ask questions (email is also)
Rubric									
			Ideal Level			Standard Leve			Unacceptable Level
Achievem	ent 1								
Achievem	ent 2								
Achievem	ent 3								
Assigne	d Depar	<u>tment O</u> b	jectives						
JABEE (a)	) JABEE (b	) JABEE (D)	JABEE (g)						
Teachin	g <u>Me</u> tho	d							
Outline	·								
Style									
Notice									
Charact	eristics o	of Class /	Division in	Le	arning				
Active	Learning	·	Aided b	y IC	T.	Applicable t	o Re	mote Class	Instructor Professionally Experienced
Course	Plan	<u> </u>							
			Theme				Goa	ls	
		1st							
		2nd	onderstand tr source comporenewable en- power system Preparation: L Review: Under assignments	ne e ositio ergy wo Jndo ersta	nergy consumption on of World and Ja v and new energy; rk. (Xiaoyang Li, s erstand the refere and the lecture and	in and power apan; what are ; how can 1 week) nce materials d complete the	Inst	ruct at the t	ime of the lecture.
		3rd	Understand the their pollution countermeasu and ozone de Preparation: Unde assignments	ne ca ures pleti Undo ersta	auses of CFCs, aei tus, impact on the and treatment ter ion mechanisms (I erstand the refere ind the lecture and	rosols, etc., e environment, chnologies, Nishii, 1 week) nce materials d complete the			
2nd Semeste r	3rd Quarter	4th	Causes of CO the environme technology, • radioactivity, contaminatior environment, Preparation: 1 Review: Unde assignments	2, co ent, Bas radi n aco cou Jndo ersta	ontamination statu countermeasures sic knowledge abo oactive materials, cidents and impac intermeasures (Nis erstand the refere and the lecture and	us, impact on and treatment ut radioactive t on the shii, 1 week) nce materials d complete the	ent snt		
		5th	Water enviror treatment and (Takakuni Tar Preparation: U	nme d ev naka Jnde	nt (Waste water n aluation) a, 1 week) erstand the refere	neasures, nce materials.	Inst	ructions will	be given in the lecture.
		6th	Soil environm and evaluatio (Takakuni Tar Preparation: l	ent n) naka Jnde	(Waste soil measu a, 1 week) erstand the refere	ures, treatment nce materials.	Inst	ructions will	be given in the lecture.
		7th	Introduction of Recycle) (Takakuni Tar Preparation: l	of Bi naka <u>Jn</u> de	otope and 3R (Real a, 1 week) erstand the refere	duce, Reuse	Inst	ructions will	be given in the lecture.
		8th	Current status of housing en Oshima, 1 we Preparation: l Review: Take assignments.	s of viro ek) Jnde the	various fields fron nmental technolog erstand the refere lecture and comp	n the viewpoint gy (Ryuichi nce materials. plete the	Instructions will be given in the lecture.		

		9th	Considering the e earthquake (East Preparation: Und Review: Take the assignments.	environmental imp Japan and Hansh erstand the refere electure and com	bact of the hin) (, 1 week) ence materials. plete the	Instructions will	be given in the le	cture.		
			Low carbon city p	olanning (Atsus	hi Sato, 1					
		10th	Preparation: Und Review: Take the assignments.	erstand the refere lecture and com	ence materials. Dete the					
		11th	Materials used W (Second week, H Preparation: Rea Review: Presenta	aste and Recyclec ikaru Fumino) lizing reference m ition and submit a	l Resources aterials etc report	Instructions will	be given in the le	cture.		
	4th	12th	Environmental Is Companies1 (Sh Kobayashi 1 wee Preparation: Und Review: Take the assignments.	sues Facing innosuke Suzuki, ` k) erstand the refere e lecture and comp	Yasuhiro ence materials. plete the	Instructions will be given in the lecture.				
	Quarter	13th	Environmental Is Companies2 (Sh Kobayashi 1 wee Preparation: Und Review: Take the assignments.	sues Facing innosuke Suzuki, ' k) erstand the refere electure and comp	Yasuhiro ence materials. plete the	Instructions will be given in the lecture.				
		14th	Environmental Is Companies3 (Sh Kobayashi 1 wee Preparation: Und Review: Take the assignments.	sues Facing innosuke Suzuki, ` k) erstand the refere e lecture and com	Yasuhiro ence materials. plete the	Instructions will be given in the lecture.				
		15th	Environmental Is Companies4 (Sh Kobayashi 1 wee Preparation: Und Review: Take the assignments.	sues Facing innosuke Suzuki, ` k) erstand the refere e lecture and com	Yasuhiro ence materials. plete the					
		16th								
Evaluati	ion Me	thod and	Weight (%)							
	E	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total		
Subtotal	C	)	0	0	0	0	0	0		
Basic Proficienc	y C	)	0	0	0	0	0	0		
Specialize Proficienc	y c	)	0	0	0	0	0	0		
Cross Area Proficiency 0		0	0	0	0	0	0			

Oyama College			Year 2024			Cc T	ourse Title	経営工学	
Course	Informa	tion							
Course Co	ode	0003			Course Catego	ry !	Specializ	ed / Compulsory	
Class Forr	nat	Lecture			Credits		Academi	c Credit: 2	
Departme	ent	Advanced	Course of Gene	ral Engineering	Student Grade		Adv. 1st		
Term		First Sem	ester		Classes per We	ek 1	2		
Textbook Teaching	and/or Materials								
Instructor	•	,SUZUKI	Shin-nosuke						
Course	Objectiv	es							
The partic of busines engineers	cipants of t ss operation that can o	this course a ons such as r contribute to	re expected to u marketing, produ value creation	understand the ba uct development, in various societies	sic theories and manufacturing, c s.	practice quality c	es of mar control, a	nagement and the basic elements nd accounting in order to be	
Rubric					1				
			Ideal Level		Standard Level			Unacceptable Level	
Achievement 1			Explain the typ business admi own words.	pical theory of nistration in one's	Have correct understanding about the typical theory of business administration.			Don't have correct understanding about the typical theory of business administration.	
Achievement 2			Be able to exp elements of bu such as marke development, quality control in one's own v	lain about the isiness operations ting, technology manufacturing, , and accounting vords.	Have coorect u about the elen operations such technology dev manufacturing, and accounting	indersta nents of h as ma velopme , quality J.	nding busines rketing, nt, control,	Don't have coorect understanding about the elements of business operations such as marketing, technology development, manufacturing, quality control, and accounting.	
Achievement 3			Have your own how you can c societies as an able to explain convincing wa	n thoughts on ontribute to engineer, and be to others in a y.	Be interested in contribute to so engineer and co various perspect	n how y ociety as an think ctives.	ou can s an c from	Don't have interest about how you can contribute to societies as an engineer nor have any perspectives to think about it.	
Assigne	d Depar	tment Ob <sup>.</sup>	iectives	,					
JABEE (a)	JABEE (b	) JABEE (D)	JABEE (g)						
Teachin	a Metho	d							
Outline	5	This year	is the 4th year,	but the class eval	uation is remark	ably low	v, so this	year I aim to achieve the learning	
Style		In the cla much as would like exam will	ss, while explair possible by discu to give conside not be overly ki	ing the necessary issing various mar ration to getting p nowledgeable.	theories, I will t nagement topics points properly in	ry to ge and giv the lea	et people ving time arning in	interested in management as to tackle the issues. In addition, I daily lessons so that the final	
Notice									
Charact	eristics of	of Class /	Division in Le	arning					
□ Active	Learning		□ Aided by I	CT T	☑ Applicable to	o Remo	te Class	☑ Instructor Professionally Experienced	
Course	Plan								
		Г   I	heme			Goals			
		1st C	Guidance		What is manage think about it			ement engineering? Why study?	
		2nd C	Corporate Theory	/		What is	s a comp	any? What type of companies are	
		3rd 0	Corporate Theory	/		Think a	bout the	e relationship between corporate	
		4th A	dministration T	neory		What is	s an adm	inistration? Why is it necessary?	
	1st Quarter	5th C	Organization The	ory		What is theorie	s organiz s are the	at should we do? ational theory? What kind of rre? Think about how the	
		6th E	Business Strateg	y Theory		Unders	tand the	types and characteristics of	
1st Semeste		7th L	eadership Theo	, , v		Think a	bout lea	dership and learn about typical	
r		Oth (	Corporate Cultur	, 		Unders	s. tand the	differences of corporate culture	
						approa Think a	ch is effe	ective for each of them.	
		9th 1	echnology Deve	lopment		develop approa	oment fo ches are	r management and know what possible.	
	2nd	10th	1arketing			Think a	bout the	value of marketing activities.	
	Quarter		riarketing			Learn a	bout val	Tous marketing strategies.	
		12th F	Production Contr	ol		Learn about the purpose and method of production systems.			
		13th 0	Juality Managem	nent		Learn a control	Learn about the purpose and method of qua		

		14th	Financial Manage	ement		Learn about the purpose and method of financial management.					
		15th	Retrospective			Review what understandng	we have learned	l and get deeper			
		16th									
Evaluatio	on Me	thod and	Weight (%)								
		Examination	Attendance	Mutual Eval.	Behavior	Portfolio	Report	Total			
Subtotal		40	10	0	20	0	30	100			
Basic Proficiency	/	0	0	0	0	0	0	0			
Specialized Proficiency	d /	0	0	0	0	0	0	0			
Cross Area Proficiency	a /	40	10	0	20	0	30	100			

0	Oyama College Course Information		lege	Year	2024		Course Title	System Desig	n		
Course	Inform	nati	on								
Course Co	ode		0004			Course Categor	y Specializ	ed / Compulsory			
Class For	mat		Lecture			Credits	Academi	c Credit: 2			
Departme	ent		Advanced	Course of Gener	al Engineering	Student Grade	rade Adv. 1st				
Term			First Seme	ster		Classes per We	ek 2				
Textbook Teaching	and/oi Materia	Is									
Instructor	r		IZAWA Sat Takashi	oru,KAMIYA Te	tsu,AMAGAI Kenj	,NOHARA Kazuh	iro,YAGI Hitosh	,HANADA Yasuyul	ki,HUKUDA		
Course	Objec	tive	s								
Rubric											
				Ideal Level		Standard Level		Unacceptable Le	evel		
Achievem	nent 1							•			
Achievem	Achievement 2										
Achievem	nent 3										
Assigne	d Den	artr	nent Ohie	ectives		•		- 4			
1ABEE (B	) 14866	(d-2	2) 1ABEE (d	-3) 1ABEE (a) 14	AREE (h) 1AREE (i	)					
Toachin		hod		<u>- 5) 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ 5/ </u>		/					
Outline	ig met	nou									
Chulo											
Notico	ityle										
Channel	Notice										
Charact	eristic	s of	Class / L	VIVISION IN LE	arning				<u> </u>		
□ Active	e Learnii	ng		Aided by IC	Т	□ Applicable to	o Remote Class	Experienced	rofessionally		
						1		Experienced			
Course	Dlan										
Course			т,	omo			Coalc				
				iidanco			Guais				
			and Co	`ommunication theory							
		-	and Co	Communication theory							
			1+b 50	ommunication theory							
	Ouarte	r	5th 50	S action							
	2	6	Sth Hi	S action							
			7th Hi	listory and future of technology							
1st		2	th Fr	eray problem	e or technology						
Semeste			h Fr	ergy problem							
lL		1		anagement							
		1	1th M	anagement							
	2	1	2th H	use and enviro	ment						
	Quarte	r 1	3th H	ouse and enviro	ment						
			4th H	ood and industri	al						
			5th H	ood and industri	al						
			6th								
Evoluat	ion Ma	+ h o		iabt (0/)							
Evaluat		etho		agni (%)							
Examination		Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total				
Subtotal 0 0		0	0	0	0	0	0				
Basic Proficienc	:y	0		0	0	0	0	0	0		
Specialize Proficienc	ed Cy	0		0	0	0	0	0	0		
Cross Are Proficienc	ea Cy	0		0	0	0	0	0	0		

Oyama College Course Information			Year	2024		Course Title	Complex Analysis	
Course Information     Course Code     0008     Course Category     Specialized / Elective								
Course Co	ode	0008			Course Category	y Specializ	ed / Elective	
Class Forr	nat	Lecture			Credits	Academi	c Credit: 2	
Departme	ent	Advanced	Course of Gene	ral Engineering	Student Grade	Adv. 1st		
Term		First Seme	ster		Classes per Wee	k 2		
Textbook Teaching	and/or Materials	「Ouyosug Japanese.	jaku (2nd Editio	n)」, 「Ouyosugal	ku Mondaisu (2nd	Edition)], N	IORIKITA PUBLISHING , in	
Instructor	-	NAKAGAW	A Hidenori,OKA	ZAKI Masao,OKAD	A So			
Course	Objectiv	es						
1. Unders solve exer 2. Unders them.	tand the c rcise abou tand the c	concepts of co t them. concepts of Ca	omplex numbers auchy's integral	s, polar forms, hold theorem, Laurent	omorphic functior series and residu	ns and conform ues, and be abl	al transformations, and be able to e to answer questions relating to	
Rubric								
			Ideal Level		Standard Level		Unacceptable Level	
Achievem	ent 1		Be able to clea concepts of cor polar forms, ho functions and o transformation accurately solv problems related	rly explain the mplex numbers, olomorphic conformal s, and be able to e practice ed to this.	Be able to solve problems related numbers, polar f holomorphic fun- conformal transf	practice d to complex forms, ctions and formations.	Unable to solve practice problems related to complex numbers, polar forms, holomorphic functions and conformal transformations.	
Achievem	ent 2		Be able to clea concepts of Ca theorem, Laure residues, and t accurately solv problems related	Be able to clearly explain the concepts of Cauchy's integral theorem, Laurent series and residues, and be able to accurately solve practice accurately solve practice and residues. Be able to solve practic problems related to Ca integral theorem, Laurent and residues.			Unable to solve practice problems related to Cauchy's integral theorem, Laurent series and residues.	
Assigned Department Objectiv			ectives					
JABEE (c)	JABEE (C	) JABEE (g)						
Teaching Method								
Outline This course deals with holomorphic functions, extending the differentiation and integration on real numbers to								
		This is an	omnibus class.	The class will cons	ist mainly of lectu	ures, with assid	Inments and guizzes as	
Style		appropriat	e.	worth EQ points (	, handlad by Okazz	vi) and the O	to 1 Eth lossons are worth EQ	
		points (ha	ndled by Nakaga	awa), for a total of	f 100 points.	aki), and the 9		
Notice		Self-study	is recommende	d.				
Charact	eristics of	of Class / E	Division in Le	arning				
Active	Learning		□ Aided by IC	T	Applicable to	Remote Class	<ul> <li>Instructor Professionally Experienced</li> </ul>	
Courso	Dlan							
Course		Г	neme			Soals		
		1st C	omnlex Number	s (Okazaki)	с т	o he able to so	live relevant questions	
		P	olar Forms Defi	nition of Complex	Functions			
		2nd (0	)kazaki)			o be able to solve relevant questions.		
		3rd Ba	asic Complex Fu	inctions (Okazaki)	т	o be able to so	olve relevant questions.	
	1st	4th Li	mits and Contin )kazaki)	uity of Complex Fu	unctions T	o be able to so	lve relevant questions.	
	Quarter	5th D	ifferentiability of	f Complex Functior	<sup>ns,</sup> T	o be able to so	olve relevant questions.	
		6th C	auchv–Riemann	Equations (Okaza	aki) T	o be able to so	olve relevant questions.	
1st Semeste		7th H	olomorphic Fund Okazaki)	ctions and Their De	erivatives T	o be able to so	olve relevant questions.	
r		8th Ir	tegration of Co	mplex Functions (0	Okazaki) T	o be able to so	olve relevant questions.	
		9th Ca	auchy's Integral	Theorem (Nakaga	awa) T	o be able to so	olve relevant questions.	
		10th Ca	auchy's Integral	Formula (Nakaga	wa) T	o be able to so	olve relevant questions.	
		11th Ta	aylor Series (Na	kagawa)	T	o be able to so	olve relevant questions.	
	2nd	12th La	urent Series (N	akagawa)	Т	o be able to so	lve relevant questions.	
Quarter 13th R		esidue (Nakaga)	wa)	т	o be able to so	lve relevant questions.		
		14th R	esidue Theorem	(Nakagawa)	т	o be able to so	olve relevant questions.	
		15th Fi	nal Examination	ı (Nakagawa)				
		16th						
Evaluati	ion Meth	od and We	eight (%)				-	
			Examination		Assignments, qu	iizzes etc.	Total	
Subtotal			90		10		100	
Basic Prof	ficiency		0		0		0	

Specialized Proficiency	90	10	100
Cross Area Proficiency	0	0	0

0	yama Co	ollege	Year	2024		C	ourse Title	Applied Analysis
Course	Informa	tion						
Course Co	ode	0009			Course Catego	ry	Specializ	ed / Elective
Class For	mat	Lecture			Credits		Academi	c Credit: 2
Departme	ent	Advanced	d Course of Gene	ral Engineering	Student Grade		Adv. 1st	
Term		Second S	emester		Classes per We	eek	2	
Textbook Teaching	and/or Materials	ΓKOSEN	text series Ouyo	u-Suugaku (2nd E	Ed)] Kenji Ueno	, MOR	IKITA PUI	BLISHING, in Japanese
Instructor	·	NAGAMIN	NE Takanori,OKAI	DA So				
Course	Objectiv	es						
1. Solve o 2. Solve p 3. Unders	ordinary di bartial diffe stand Fouri	fferential eq erential equa er integrals	uations using Lap ations using Fouri and Fourier tran	place transform. Fer series. Sforms and calcula	ate them.			
Rubric								
			Ideal Level		Standard Leve			Unacceptable Level
Achievem	ent 1		Be able to clea applications of transforms in c differential equ able to solve re	Be able to solv exercises on ap Laplace transfo differential equ	e relate oplicatio orms in ations.	ed ons of ordinary	Unable to solve related exercises on applications of Laplace transforms in ordinary differential equations.	
Achievem	ient 2		Be able to clea problems relate differential equ Fourier series of be able to solv exercises.	rly explain basic ed to partial ations using expansions and e related	Be able to solv exercises on pa equations using expansions.	e relate artial di g Fouri	ed fferential er series	Unable to solve related exercises on partial differential equations using Fourier series expansions.
Achievem	ient 3		Be able to clea Fourier integra transforms and exercises.	rly explain ls and Fourier l solve related	Be able to solv exercises on Fo and Fourier tra	e relate ourier in Insform	ed ntegrals is.	Unable to solve related exercises on Fourier integrals and Fourier transforms.
Assigne	d Depar	tment Ob	jectives					
JABEE (c)	JABEE (C	) JABEE (g)	E (g)					
Teachin	g Metho	d						
Outline		1-5ths: L convoluti 6-10ths: series. 11-15ths	earn about Lapla ons. Fourier series, Fo : Complex Fourie	ce transform, inve ourier cosine serie er series, Fourier ti	erse Laplace tra is and Fourier si ransforms, and	nsform ne serie Discret	, solving o es, partial e Fourier	ordinary differential equations, and differential equations and Fourier transforms.
Style		1. The cla 2. Grades 10ths (by class.	ass will be an om s will be evaluate / Kumashiro), an	nibus course, with d by examinations d 11-15ths (by Na	n three teachers s, exercises, and agamine). A tota	sharin I small Il score	g five lect tests in le of 60 or	tures each. ectures 1-5ths (by Nakagawa), 6- higher is required to pass this
Notice		1. The cla may be u 2. Studer thorough 3. All tea 4. The cla 5. If no e	ass will consist m ised and distribut its are expected ly. It is also impo chers of the Math ass content and e exercises are give	ainly of lectures a red freely. to study the textb ortant to solve the nematics will accep evaluation ratio many n, the class will be	nd exercises, w ook in advance exercises in the pt any questions ay change depe e evaluated by e	ith som of class textbo regare nding c examina	ne exercis s, take no bok and w ding all su on the pro ations onl	es and small tests. Lecture notes tes in class, and review the class orkbook by yourself. ubjects of Mathematics. ogress of the lectures. y.
Charact	eristics of	of Class /	Division in Le	arning				
Active	Learning		□ Aided by IC	Т	□ Applicable t	o Rem	ote Class	<ul> <li>Instructor Professionally</li> <li>Experienced</li> </ul>
Course	Plan							
Course			Theme			Goale		
		1st l	_aplace transform	n, moving formula	for image	Be abl	e to solve	e the exercises.
		2nd I	_aplace transform	n of trigonometric ransform	functions,	Be abl	e to solve	e the exercises.
dif 3rd ord			differential formu order linear ordin second-order line	las for primitive fu ary differential eq ar ordinary differe	unctions, first- uations, ential equations	Be abl	e to solve	e the exercises.
	3rd Quarter	4th S	Step and delta fu	nctions	•	Be abl	e to solve	e the exercises.
2nd		5th (	Convolutions			Be abl	e to solve	e the exercises.
Semeste		6th E	Exam					
r 7th		7th I	Periodic functions Fourier series	, trigonometric se	eries and	Be abl	e to solve	e the exercises.
		8th F	Fourier series of f	unctions of period prem of Fourier se	l T, ries	Be abl	e to solve	e the exercises.
		9th F	ourier cosine sei	ries and Fourier si	ne series	Be abl	e to solve	e the exercises.
	4th Quarter	10th	Partial differential solution of heat c	l equations and Fo onduction equatio	ourier series, n	Be abl	e to solve	e the exercises.
	-	11th (	Complex Fourier	series and Fourier d T	transform of	Be abl	e to solve	e the exercises.

	12th	12th Fourier transform, inverse Fourie Fourier integral theorem			Be able to solve the exercises.				
	13th	Fourier cosine tra application of Fou	nsform, Fourier s rier integral theo	ine transform, rem	Be able to solve	Be able to solve the exercises.			
	14th	Discrete Fourier t	ransforms		Be able to solve	the exercises.			
	15th	Exam							
	16th								
Evaluation M	1ethod and V	Veight (%)							
	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Assignments	Total		
Subtotal	95	0	0	0	0	5	100		
Basic Proficiency	0	0	0	0	0	0	0		
Specialized Proficiency	95	0	0	0	0	5	100		
Cross Area Proficiency	0	0	0	0	0	0	0		

0	yama Co	ollege	Year	2024		Cours Title	se e	Mathematics for Physical Chemistry and Chemical Engineering
Course	Informat	tion						
Course Co	ode	0010			Course Categor	y Spe	cialize	d / Elective
Class Forr	nat	Lecture			Credits	Aca	demic	Credit: 2
Departme	ent	Advanced	Course of Gener	ral Engineering	Student Grade	Adv	. 1st	
Term		First Seme	ster		Classes per Wee	ek 2		
Textbook Teaching	and/or Materials	Prepared b	y each teacher	in charge				
Instructor	-	SAKAI Hiro	shi,KASHIMA K	eita				
Course	Objectiv	es						
1) Formul 2) Formul	late proble late wave	ems related to equations for	chemical react atoms and mol	ion rates and to s ecules and to solv	olve differential e e them analytica	equations. ally and app	(C, c, proxim	g) nately. (C, c, g)
Rubric								T
			Ideal Level		Standard Level			Unacceptable Level
Achievem	ent 1		Be able to form related to chen rates and solve equations accu	nulate problems nical reaction e differential rately.	Be able to form related to chem rates and solve equations.	ulate probl lical reactic differentia	lems on l	Cannot formulate problems related to chemical reaction rates and solve differential equations accurately.
Achievem	ent 2		Be able to form equations for a molecules and analytically and accurately.	nulate wave toms and to solve them approximately	Be able to form equations for at molecules and t analytically and	ulate wave coms and to solve the approxima	e em ately.	Cannot formulate wave equations for atoms and molecules and solve them analytically and approximately accurately.
Achievem	ent 3							
Assigned Department Objectives								
学習・教育 JABEE (c)	舒到達度目標 JABEE (C	票 ③ ) JABEE (g)	3) ABEE (g)					
Teachin	g Metho	d						
Outline		Learn abo	it mathematics	for physical chem	istry and chemic	al enginee	ring.	
1 and 2 are evaluated as achieved with a grade of 60% or higher in the physical chemistry examinations. 3 and 4 are evaluated as achieved with a grade of 60% or higher in the chemical engineering examination Evaluation is based on the results of the examinations and the answers to the submitted assignments. The examinations include self-study on the assignments. The exam grade is (mid-term exam + regular exam)						sical chemistry examinations. nical engineering examinations. e submitted assignments. The I-term exam + regular exam) / 2.		
Notice		1. The clas 2. Student chemical e 3. Sakai is Courses of	s method is bas s are expected f ngineering class in charge of ph fered every oth	sed on lectures an to understand and ses. ysical chemistry a er year (not offere	id answers to pro l recognize how t ind Kashima is in ed in 2024)	blems and to apply m charge of	l assig athem chemi	nments. natics to physical chemistry and ical engineering. [Omnibus style].
Charact	eristics (	of Class / F	ivision in Le	arning				
□ Active	Learning		Aided by IC	T	Applicable to	o Remote C	Class	□ Instructor Professionally Experienced
					•			
Course	Plan							
		Т	ieme			Goals		
		1st Cl	nemical kinetics	- differential equa	ation	Understand	d cher	nical kinetics - differential
		2nd Cl	nemical kinetics	- differential equa	ation	Understand	d cher	nical kinetics - differential
		3rd Cl	nemical kinetics	- differential equa	ation	Understand	d cher	nical kinetics - differential
	1st	4th Q	uantum chemist	ry - differential e	quation	Understand	d quar	ntum chemistry - differential
	Quarter	5th O	Jantum chemist	rv - determinant		Understand	d quar	ntum chemistry - determinant.
		6th Q	Jantum chemist	ry - variation the	orem	Understand	d quar	ntum chemistry - variation
1st Semeste 7th			Jantum chemist	ry - polar coordin	ates system	Understand	d quar	ntum chemistry - polar
r		8th E	am (Physical ch	emistry)		Understand	<u>s sysu</u> d wha	t has been learned so far
9th		9th C		ring 1		onucrstant		
9tn 10th		10th Cl	nemical enginee	ring 2				
10th		11th C	nemical enginee	ring 3				
	2nd	12th	nemical enginee	rina 4				
	Quarter	13th C	nemical enginee	rina 5				
		14th CI	nemical enginee	ring 6				
		15th Cl	nemical enginee	ring 7				
		16th Fx	am (Chemical e	engineerina)				
Evaluati	ion Meth	od and We	eight (%)	<u> </u>				

	Examination	Self-study assignments	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	80	20	0	0	0	0	100
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	80	20	0	0	0	0	100
Cross Area Proficiency	0	0	0	0	0	0	0

0	)yama	Col	lege	Year	2024		Course Title	Applied Science	ce	
Course	Inforr	nati	on							
Course Co	ode		0011			Course Categor	y Specializ	ed / Elective		
Class For	mat		Lecture			Credits	Academi	c Credit: 2		
Departme	ent		Advanced	Course of Gener	al Engineering	Student Grade	Adv. 1st ek 2			
Term			Second Se	emester		Classes per Wee	ek 2			
Textbook Teaching	and/o Materia	r als	機構学の「	しくみ」と「基本	、」,小峯龍男著,持	支術評論社(in Japa	anese)			
Instructor	r		MASUYAM	A Tomoya						
Course	Objec	tive	S							
1. Able to 2. Able to	o explai o expres	n abo ss po	out mechan sition and v	isms for realize of relocity of body b	objective motion. by formula and dr	(A, d-1, g) awing.(A, d-1, g)	)			
Rubric				1		1				
				Ideal Level		Standard Level		Unacceptable Le	evel	
Achievem	nent 1			Able to express Alternative solu expressed.	i link motions. Ition also can be	Able to express	link motions.	Unable to expre	ss link motions.	
Achievem	nent 2			Able to express position and velocity of body by formula and drawing. Unable to express position of body by formula and drawing. Unable to express positi velocity of body by form					ss position and by formula and	
Acciano	d Dor		mont Ohi	jurawing.			_	jurawing.		
		ימו נו - הי								
		= (u		)						
Teachin	ig mei	noa								
Outline	e e									
Style										
Notice										
Charact	eristic	cs of	Class / I		arning	1				
□ Active Learning □ Aided by ICT □ Applicable to Remote Class □ Instructor Professional Experienced				ofessionally						
Course	Dlan									
Course			Т	homo			Coalc			
			let M	ochanisms			30815			
			2nd I	near motion and	rotational motio	n				
		-	Rrd I	stant center of	rotation					
	2.4		1th P	air						
	Quarte	er 🗖	5th I	nk mechanisms						
		Ē	Sth I	nk motion						
		Ē	7th I	nk motion						
2nd		5	Rth II	termediate exar	mination					
Semeste			Ath C	am mechanisms						
		-	10th C	am motion						
		H	11th F	riction drive med	hanisms					
	1+h	H	12th F	riction drive mee	hanisms					
	Quarte	er	13th	ear						
		H	14th	ear						
		H	15th G	ear						
			16th F	xamination						
Evaluat	ion M	atho	d and W	aight (%)						
		Exar	nination	Presentation	Evaluations between students	Behavior	Portfolio	Other	Total	
Subtotal		70		0	0	0	0	30	100	
Basic Proficienc	cy	70		0	0	0	0	30	100	
Specialize Proficienc	ed Cy	0		0	0	0	0	0	0	
Cross Are Proficienc	ea Cy	0		0	0	0	0	0	0	

С	)yama Co	ollege		Year	2024			Course Title	特別研究 I	
Course	Informa	tion								
Course Co	ode	0012				Course Catego	ry	Specialize	ed / Compulsory	
Class For	mat	Experime	ent /	Practical train	ning	Credits		Academi	c Credit: 6	
Departme	ent	Advance	d Co	ourse of Gener	al Engineering	Student Grade	ade Adv. 1st			
Term		Year-rou	Ind			Classes per We	eek	3		
Textbook Teaching	and/or Materials									
Instructo	r	SAKAI H	lirosł	ni,RAHOK SAM	1 ANN,SUZUKI S	hin-nosuke				
Course	Objectiv	'es								
Rubric										
			Ic	deal Level		Standard Leve	I		Unacceptable Level	
Achievem	nent 1									
Achievem	nent 2									
Achievem	nent 3									
Assigne	d Depar	tment Ob	ojec	tives						
JABEE (B	) JABEE (d	l-2) JABEE (	(d-3)	) JABEE (d-4)	JABEE (E) JABEE	E (f) JABEE (g) J	ABEE	(h) JABEE	(i)	
Teaching Method										
Outline	3									
Style										
Notice										
Charact	eristics	of Class /	' Div	ision in Lea	arning					
Active	Learning	-		Aided by IC	T	Applicable 1	to Rer	mote Class	Instructor Professionally Experienced	
						•				
Course	Plan									
			Ther	me			Goal	s		
		1st	Rese	earch related a	a theme in the sp	ecial provision				
		2nd	The	same hereina	fter					
		3rd								
	1st	4th								
	Quarter	5th								
		6th								
1 ct		/th								
Semeste		8th								
r		901 10th								
		1001 11th								
	2	12th								
	Quarter	13th								
	-	14th								
		15th								
		16th								
		1st								
		2nd								
		3rd								
	3rd	4th								
	Quarter	5th								
		6th								
		7th								
2nd		8th								
r		9th								
		10th								
		11th								
	4th	12th								
	Quarter	1.3th								
		14ťh	Dres	ontation and	ion (all source)					
		15th	rres	Senilation Sessi	ion (an course)		-			
	ion Mati		Ne:-	sht (0/)						
Evaluat	ion Meth	iod and V	veig	jnt (%)						

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0

0	yama C	ollege	Year	2024		Co	ourse Fitle	実務研修 I
Course	Informa	tion						
Course Co	ode	0013			Course Category	ý	Specializ	ed / Compulsory
Class For	mat	Experime	nt / Practical trai	ning	Credits		Academi	c Credit: 2
Departme	ent	Advanced	Course of Gene	ral Engineering	Student Grade		Adv. 1st	
Term		Intensive			Classes per Wee	ek		
Textbook Teaching	and/or Materials							
Instructor	r	SAKAI Hir	oshi,RAHOK SAN	1 ANN,SUZUKI S	hin-nosuke			
Course	Objectiv	res						
Rubric								
			Ideal Level		Standard Level			Unacceptable Level
Achievem	ient 1							
Achievem	ient 2							
Achievem	ient 3							
Assigne	d Depar	tment Obj	ectives					
JABEE (B	) JABEE (c	l-2) JABEE (0	d-3) JABEE (g) J	ABEE (h) JABEE (	i)			
Teachin	ig Metho	d						
Outline								
Style								
Notice								
Charact	eristics	of Class /	<u> Division in Le</u>	arning	1			
Active	Learning		□ Aided by IC	Т	□ Applicable to	Remo	ote Class	<ul> <li>Instructor Professionally</li> <li>Experienced</li> </ul>
Course	Plan	, <u> </u>						
		T	heme		(	Goals		
		1st C	Guidance					
		2nd I	nternship					
		3rd I	nternship					
	1st Ouarter	4th 1	nternsnip					
	Quarter	6th I	nternship					
		7th I	nternshin					
1st		8th I	nternship					
Semeste		9th I	nternship					
		10th I	nternship					
		11th I	nternship					
	2nd	12th I	nternship					
	Quarter	13th I	nternship					
		14th I	nternship					
		15th F	Presentation sess	ion				
		16th						
		1st						
		2nd						
		3rd						
	3rd Quarter	4th						
	Quarter	Sth						
		7th						
2nd		8th						
Semeste		9th						
		10th						
		11th						
	4th	12th						
	Quarter	13th						
		14th						
		15th						
		16th						
Evaluat	ion Meth	nod and W	eight (%)					

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0

0	)yama	Col	lege		Year	2024				Course Title	実務研修Ⅲ	
Course	Inforn	nati	on		I	•						
Course Co	ode		0014					Course Catego	γ	Specialize	d / Elective	
Class For	mat		Experime	ent /	/ Practical trai	ning		Credits		Academic	Credit: 2	
Departme	ent		Advanced	d Co	ourse of Gene	ral Engineering		Student Grade		Adv. 1st		
Term			Intensive	9				Classes per We	ek			
Textbook	and/or	Ic										
Instructor	r	15	SAKAI HI	irosł	hi.RAHOK SAN	ANN.SUZUKI	Sł	nin-nosuke				
Course	Object	ive	s		,							
Rubric			•									
				Ic	deal Level			Standard Level			Unacceptable Le	vel
Achievem	nent 1											-
Achievem	nent 2											
Achievem	nent 3											
Assigne	ed Dep	artr	nent Ob	jec	tives							
Teachin	ng Met	hod										
Outline												
Style												
Notice												
Charact	eristic	s of	Class /	Di	vision in Le	arning		1			1	
□ Active	e Learnir	ng			Aided by IC	T		Applicable t	o Rer	mote Class	Instructor Pr Experienced	ofessionally
											Experienced	
Course	Plan											
			-	The	me				Goal	s		
		1	st	Guic	dance							
		2	2nd I	Inte	ernship							
		3	Brd I	Inte	ernship							
	1st	4	ith 1	Inte	ernship							
	Quarte	r   5	5th 1	Inte	ernship							
		6	oth 1	Inte	ernship							
1st		/	th 1	Inte Into	ernsnip							
Semeste			h 1	Inte	ernshin							
I		1	0th	Inte	ernship							
		1	1th	Inte	ernship							
	2nd	1	2th	Inte	ernship							
	Quarte	r [1	13th	Inte	ernship							
		1	4th	Inte	ernship							
		1	5th I	Pres	sentation sess	ion						
		1	L6th									
			lst									
		-	Rrd									
	3rd	4	ith									
	Quarte	r 5	ōth									
		e	5th									
		7	′th									
2nd Somosto		8	Bth									
r		9	9th									
		1	L0th									
			1th									
	4th	r []	2th									
	Quarte	' H	4th									
			5th									
			L6th									
Evaluat	ion Me	tho	d and W	/eic	aht (%)							
					<u></u>	Mutual						
		Exan	nination	P	resentation	Evaluations between students		Behavior	Por	tfolio	Other	Total

Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0

0	yama	Col	lege		Year	2024			C	Course Title	実務研修IV	
Course	Inforn	nati	on		I	•						
Course Co	ode		0015				Co	ourse Categor	γ	Specialize	d / Elective	
Class For	mat		Experime	ent /	/ Practical trai	ning	Cr	redits		Academic	Credit: 2	
Departme	ent		Advance	d Co	ourse of Gene	ral Engineering	Sti	udent Grade		Adv. 1st		
Term			Intensive	3			Cla	asses per We	ek			
Textbook	and/or Materia	s										
Instructor	r	13	SAKAI H	irosł	hi,RAHOK SAN	4 ANN,SUZUKI S	Shin-	-nosuke				
Course	Obiect	tive	S		,	,						
Rubric			-									
				Ic	deal Level		Sta	andard Level			Unacceptable Le	evel
Achievem	nent 1											
Achievem	nent 2											
Achievem	nent 3											
Assigne	Assigned Department Objectives											
Teachin	ig Met	hod	1									
Outline												
Style												
Notice		(		<b>D</b> :								
Charact	eristic	s ot	Class /		vision in Le	arning					- Instructor Dr	ofoccionally
□ Active	e Learnir	ng			Aided by IC	T		Applicable to	o Rem	note Class	Experienced	oressionally
Course	Plan											
				The	me				Goals			
		1	lst	Guic	dance							
		2	2nd	Inte	ernship							
			Brd	Inte	ernship							
	1st Quarte	r	tn th	Inte Into								
	Quarte		Sth	Inte Into	ernship							
		-	7th	Inte	ernshin							
1st		8	Bth	Inte	ernship							
Semeste		ç	9th	Inte	ernship							
		1	L0th	Inte	ernship							
		1	L1th	Inte	ernship							
	2nd	1	L2th	Inte	ernship							
	Quarte		L3th	Inte	ernship							
			L4th	Inte	ernsnip	ion						
		1	l 6th	ries	sentation sess							
		1	lst									
		2	2nd									
		.,	Brd									
	3rd	2	1th									
	Quarte	r	ōth									
		e	ōth									
2nd		7	7th									
Semeste			Sth									
r		1	0th									
			L1th									
	4th	1	L2th									
	Quarte	r 1	L3th									
		1	L4th									
		1	L5th									
		1	L6th									
Evaluat	<u>ion M</u> e	etho	d and V	<u>/eig</u>	ght (%)							I
		Exan	nination	P	resentation	Mutual Evaluations between students	Be	ehavior	Port	folio	Other	Total

Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0

0	yama	Col	lege		Year	2024			Course Title 実務研修 V			
Course	Inform	nati	on		•							
Course Co	ode		0016					Course Catego	ry	Specialize	d / Elective	
Class For	mat		Experime	ent /	/ Practical trai	ning		Credits		Academic	Credit: 2	
Departme	ent		Advanced	d Co	ourse of Gene	ral Engineerin	g	Student Grade		Adv. 1st		
Term			Intensive	9				Classes per We	eek			
Teaching	and/or Materia	Is										
Instructor	r	10	SAKAI Hi	rosł	hi,RAHOK SAN	1 ANN,SUZUI	KI Sł	nin-nosuke				
Course	Obiect	ive	S				-					
Rubric			-									
				Ic	deal Level			Standard Leve			Unacceptable Le	evel
Achievem	nent 1											
Achievem	nent 2											
Achievem	nent 3											
Assigned Department Objectives												
Teachin	ng Met	nod										
Outline												
Style												
Notice												
Charact	eristic	s of	Class /	Div	vision in Le	arning		1			1	
□ Active	e Learnir	ng			Aided by IC	T		Applicable 1	to Ren	note Class	Instructor Pr	ofessionally
								1				
Course	Plan											
			-	The	me				Goals	5		
		1	Lst (	Guic	dance							
		2	2nd 1	Inte	ernship							
		3	3rd 1	Inte	ernship							
	1st	4	1th 1	Inte	ernship							
	Quarte	r 5	5th 1	Inte	ernship							
		-	oth J	Inte	ernship							
1st		2	Rth 1	Inte Into	ernship							
Semeste			Ath 1	Inte	ernshin							
1		1	LOth	Inte	ernship							
		1	L1th ]	Inte	ernship							
	2nd	1	L2th ]	Inte	ernship							
	Quarte	r [1	L3th ]	Inte	ernship							
		1	L4th ]	Inte	ernship							
		1	L5th I	Pres	sentation sess	ion						
		1	L6th									
			lst									
		4	2nu Brd									
	and	-	1th									
	Quarte	r 5	5th									
		e	5th									
		7	7th									
2nd		8	3th									
r		9	Əth									
		1	L0th									
		1	L1th									
	4th	-  1	L2th									
	Quarte	'	L3th									
		H	15th									
			L6th									
Evaluat	ion Me	tho	d and M	/eir	aht (%)				I			
					y	Mutual						
		Exan	nination	P	resentation	Evaluations between students		Behavior	Port	folio	Other	Total

Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0

0	yama	Col	lege		Year	2024	4			Course Title	実務研修VI	
Course	Inforn	nati	on		I							
Course Co	ode		0017					Course Catego	ry	Specialize	d / Elective	
Class For	mat		Experime	ent /	/ Practical trai	ning		Credits		Academic	Credit: 2	
Departme	ent		Advance	d Co	ourse of Gene	ral Eng	jineering	Student Grade		Adv. 1st		
Term			Intensive	3				Classes per W	eek			
Textbook	and/or Materia	Is										
Instructor	r	10	SAKAI Hi	irosł	hi,RAHOK SAN	1 ANN	I,SUZUKI Sł	nin-nosuke				
Course	Obiect	tive	s		,		,					
Rubric			-									
				Ic	deal Level			Standard Leve			Unacceptable Le	vel
Achievem	nent 1										·	
Achievem	nent 2											
Achievem	nent 3											
Assigne	d Dep	artr	nent Ob	jec	tives							
Teachin	ig Met	hod	1									
Outline												
Style												
Notice						-						
Charact	eristic	s of	Class /	Di	vision in Le	arnin	g	1			1	
□ Active	e Learnir	ng			Aided by IC	Т		□ Applicable	to Rei	mote Class	Experienced	ofessionally
								8				
Course	Plan											
			-	The	me				Goal	ls		
		1	lst	Guic	dance							
		2	2nd	Inte	ernship							
		3	Brd :	Inte	ernship							
	1st	- 4	1th	Inte	ernship							
	Quarte		oth i	Inte	ernship							
		-	otn . 7+b	Inte Into	ernsnip							
1st		2	Rth	Inte	ernshin							
Semeste			9th	Inte	ernship							
1		1	L0th	Inte	ernship							
		1	L1th	Inte	ernship							
	2nd	1	L2th	Inte	ernship							
	Quarte	r   1	L3th	Inte	ernship							
		1	L4th	Inte	ernship							
			L5th	Pres	sentation sess	ion						
		1										
			2nd									
			Brd									
	3rd	4	1th									
	Quarte	r 5	ōth									
		e	5th									
		7	7th									
Semeste		8	Bth									
r		9	Pth									
	4+6		12th									
	Quarte	r 1	L3th									
	-	1	L4th									
		1	L5th									
		1	L6th									
Evaluat	ion Me	tho	d and W	/eic	ght (%)							
		Exan	nination	P	resentation	Mutu Eval betw stud	ual uations veen ents	Behavior	Por	rtfolio	Other	Total

Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0

0	)yama C	ollege	Year	2024		Course Title	実務研修Ⅱ
Course	Informa	tion					
Course Co	ode	0018			Course Category	y Speciali	zed / Elective
Class For	mat	Experime	nt / Practical tra	ining	Credits	Academ	nic Credit: 2
Departme	ent	Advanced	Course of Gene	ral Engineering	Student Grade	Adv. 1s	t
Term		Intensive			Classes per Wee	k	
Textbook Teaching	and/or Materials						
Instructor	r	SAKAI Hir	oshi,RAHOK SAI	4 ANN,SUZUKI S	hin-nosuke		
Course	Objectiv	res					
Rubric							
			Ideal Level		Standard Level		Unacceptable Level
Achievem	nent 1						
Achievem	nent 2						
Achievem	ient 3						
Assigne	ed Depar	tment Obj	ectives				
JABEE (B	) JABEE (c	l-2) JABEE (d	1-3) JABEE (g) J	ABEE (h) JABEE (	i)		
Teachin	ig Metho	d					
Outline							
Style							
Notice							
Charact	eristics	of Class /	Division in Le	arning			
Active	Learning		□ Aided by IC	T	□ Applicable to	Remote Class	S Instructor Professionally Experienced
Course	Plan	,					
		T	heme			Goals	
		1st G	Guidance				
		2nd I	nternship				
		3rd I	nternship				
	1st Quarter	4th 1	nternship				
	Quarter		nternship				
		7th I	nternship				
1st		8th I	nternship				
Semeste		9th I	nternship				
		10th I	nternship				
		11th I	nternship				
	2nd	12th I	nternship				
	Quarter	13th I	nternship				
		14th I	nternship				
		15th I	nternship				
		16th P	resentation sess	ion			
		1st					
		2nd					
		3rd					
	3rd	4th					
	Quarter	Stn					
		7th					
2nd		8th					
Semeste		9th					
		10th					
		11th					
	4th	12th					
	Quarter	13th					
		14th					
		15th					
		16th					
Evaluat	ion Meth	nod and W	eight (%)				

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0

Ογ	yama C	College	Year	2024		Course Title	Ethics of Engir	neers
Course I	Informa	ation						
Course Co	de	0014			Course Categor	y General /	' Compulsory	
Class Form	nat	Lecture			Credits	Academic	c Credit: 2	
Departmen	nt	Advanced	Course of Gener	al Engineering	Student Grade	Adv. 2nd		
Term		First Seme	ster		Classes per We	ek 2	Ethics of Engineers	
Textbook Teaching N	and/or Materials							
Instructor		UENO Tets	u,TAKEUCHI Ko	sei				
Course C	Objecti	/es						
In order to about this	o avoid o course h	ccurrence of a here. If you wa	contestation by nt to get more	misunderstandir information about	ng this English ve t this course, see	ersion, I should r 2 Japanese versio	not write the detai on or contact me o	ls of a contract directly.
Rubric					1		_	
			Ideal Level		Standard Level		Unacceptable Le	evel
Achieveme	ent 1							
Achieveme	ent 2							
Achieveme	ent 3							
Assigned	d Depa	rtment Obje	ectives					
JABEE (a)	JABEE (	o) JABEE (D) J	ABEE (g)					
Teaching	g Meth	bd						
Outline								
Style								
Notice								
Characte	eristics	of Class / D	ivision in Lea	arning				
□ Active Learning       □ Aided by ICT       □ Applicable to Remote Class       □ Instructor Professionall' Experienced							rofessionally	
Course F	Plan							
		Tł	ieme			Goals		
		1st						
		2nd						
		3rd						
	1st	4th						
	Quarter	5th						
		6th						
1 ct		7th						
Semeste		8th						
r		9th						
		10th						
		11th						
	2nd Ouarter	12th						
	<b>L</b>	14th						
		15th						
		16th						
Evaluatio	on Met	hod and We	hight (%)					
Lialaati	E	amination	Presentation	Mutual Evaluations between	Behavior	Portfolio	Other	Total
			2	students				
Subtotal	0		U	U		U	0	
Proficiency	/ 0		0	0	0	0	0	0
Proficiency	0		0	0	0	0	0	0
Proficiency	0 1		0	0	0	0	0	0

0	Oyama College Year 2024 Course プロジェクトデザイン						ザイン				
Course 1	Inform	natio	on								
Course Co	ode		0016				Course Catego	ry	Specialize	d / Compulsory	
Class Form	nat		Seminar				Credits		Academic	Credit: 2	
Departme	nt		Advanced	Course of Ge	ner	al Engineering	Student Grade		Adv. 2nd		
Term			Second Se	mester			Classes per We	ek	2		
Textbook Teaching	and/or Materia	s									
Instructor	•		NASU Yuk	i							
Course	Object	ive	S								
Rubric											
				Ideal Level			Standard Level			Unacceptable Le	evel
Achievem	ent 1										
Achievem	ent 2										
Achievem	ent 3										
Assigne	d Dep	artr	nent Obj	ectives	ectives						
JABEE (B)	JABEE	(d-2	2) JABEE (c	-3) JABEE (g) JABEE (h) JABEE (i)							
Teachin	g Metl	nod									
Outline											
Style											
Notice											
Charact	eristic	s of	Class / [	Division in Learning							
Active	Learnir	g		□ Aided by ICT □ Applicable to Remote Class □ Instructor Professional Experienced							ofessionally
Course I	Plan										
			Т	heme				Goa	als		
		1	.st A	nalyze and re	e-pr	opose current ele	ctric vehicles				
		2	nd M	arket resear	technical research	1					
		3	Brd T	arget formula	atior	า					
	2rd	4	th H	ypothesis set	ting	]					
	Quarte	r 5	ith P	roposal for th	e n	ext generation el	ectric vehicle				
	-	e	ith C	onfirmation o	of te	chnology transition	on by roadmap				
		7	'th P	redicting futu creen method	re s l	systems using the	TRIZ "nine				
2nd		8	8th C	oncept prese	ntat	tion					
Semeste r		ç	th U	nderstanding ehicles	the	e performance of	electric				
		1	.0th T	echnological nd "stopping	rese	earch on "running	," "turning,"				
	4th	1	.1th F	lectric vehicle evision	e dri	ving experience a	and concept				
	Quarte	r 1	.2th D	esign work							
		1	.3th C	reate a conce	ept s	sheet					
		1	.4th S	ummary of n	ext	generation electr	ic vehicle				
		1	.5th P	resentation							
		1	.6th								
Evaluati	<u>on Me</u>	tho	d and W	eight (%)		1	1			1	1
Examination Presentation Mutual Evaluations between students Behavior Portfolio Other Total					Total						
Subtotal	(	)		0		0	0	0		0	0
Basic Proficiency	y (	)		0		0	0	0		0	0
Specialize Proficiency	d y	)		0		0	0	0		0	0
Cross Area Proficiency	a y	)		0		0	0	0		0	0

Oyama College				Year 2024			C	Course Title 特別研究 II				
Course	Informa	tion										
Course Code 0017					Course Category Specialize		Specializ	ed / Compulsory				
Class Format Experime			ent / Practical training			Credits Academ		Academi	c Credit: 11			
Department Adv		Advance	anced Course of General Engineering			Student Grade	Student Grade Adv. 2		id			
Term Year-rour			ınd	าป		Classes per Week		5.5				
Textbook and/or Teaching Materials												
Instructor												
Course	Objectiv	es										
Rubric												
			Id	Ideal Level		Standard Level			Unacceptable Level			
Achievement 1												
Achievem												
Achievement 3												
Assiane	d Depar	tment Ob	viect	tives		•			L			
JABEE (B	) 1ABFF (d	I-2) JABFF (	(d-3)	) 1ABFF (d-4)	JABEE (E) JABEE	(f) 1ABEE (a) 1	ABFF (	(h) JABFF	(i)			
Tooching Mothod												
Outling	ig metho											
Style												
Notice												
Charact	oristics	of Class /	Div	vicion in Lo	arning							
					arning				Instructor Professionally			
Active	Learning			Aided by IC	□ Applicable to Remote		note Class	Experienced				
Course	Plan	· · · · ·										
			Ther	ne			Goals					
	1st Quarter	1st	Rese	earch related	a theme in the sp	ecial provision						
let		2nd	The	same hereina	lfter							
		3rd										
		4th										
		5th										
		6th										
		/th										
Semeste	2nd Quarter	8th										
r		9th										
		10th										
		1101 12th										
		12th										
		1.4th										
		15th										
		16th										
		1st										
	3rd Quarter	2nd										
		3rd										
		4th										
		5th										
2nd Semeste r		6th										
		7th										
		8th										
	4th Quarter	9th										
		10th										
		11th										
		12th										
		13th										
		14th										
		15th	Pres	entation sessi	ion (each course)							
		16th	Pres	entation sessi	ion (all course)							
Evaluation Method and Weight (%)												

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	0	0	0	0	0	0	0
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0