Tsuyama College				Year	Year 2021					General Aspects of Integrated Engineering III			
Course I	[nformat	tion											
Course Co	de	0062				Course Category			General / Elective				
Class Format Lectu			ture				Credits		School C	School Credit: 1			
Department T		Technol	logy (of Integrated Communication System Progr	n and			de	3rd				
Term Intens							Classes per Week						
Textbook and/or Teaching Materials													
Instructor CHO Feifei													
Course Objectives													
Course Ob	standing en pjectives: erstand th ain the na ain the re	ngineering e commor sture of DN gulatory m	pheinality	nomena and p and diversity anisms of the b	of living	solving.		ratior	nal engineerir	ng, and to	o acquire the basic skills		
Rubric													
		Exc	Excellent			Good			ptable		Not acceptable		
Achievement 1			Understand the commonality and diversity of living things very well.			Understand the commonality and			Understand the basics of the commonality and diversity of living things.		Has not reached the required standards.		
Achieveme	Exp	Explain the nature of DNA very well.						Cannot explain the nature of DNA very well.		Has not reached the required standards.			
Achievement 3			rplain the regulatory echanisms of the ody's environment very ell.			Explain the regulatory mechanisms of the			Cannot explain the regulatory mechanisms of the body's environment very well.		Has not reached the required standards.		
Achievement 4			Understanding of ecosystems on earth is very good.			ecosystems on earth		Unde	Understanding of ecosystems on earth is not good.		Has not reached the required standards.		
Assigned	d Depart	tment Ol	bjec	tives									
Teaching	g Metho	d											
Outline	Field of Foundat Relation knowled Relation Course Enginee Enginee not inte	General or specialized: General Field of learning: Common and Basic Natural Sciences Foundational academic disciplines: Biology/Basic Biology Relationship with Educational Objectives: This class is equivalent to "(2) Acquire basic science and technical knowledge". Relationship with JABEE programs: The main goals of learning / education in this class are "(A), A-1". Course outline: This course is designed for students who transfer from the departments of Mechanical Engineering, Electrical and Electronic Engineering, Electronic Control Engineering, and Computer Science and Engineering to the Department of Integrated Science and Engineering to acquire the academic skills that will not interfere with their studies. Specifically, lectures and exercises are given to first-year students of the Department of Integrated Science and Engineering with an emphasis on biology.											
Style		assignm	Course method: During long vacations, etc., lectures are given in an intensive course. Classes are based on assignment reports and exercises, and lectures are given as needed. Grade evaluation method: Notes (50%) + reports (50%).										
	Precauti Enginee Enginee	Precautions on the enrollment:: Subject to 3rd year transfer students from the departments of Mechanical Engineering, Electrical and Electronic Engineering, Electronic Control Engineering, and Computer Science and Engineering. This course is held as an intensive course during the long vacation.											
Notice		fundame order to Foundat Related (2nd), N	Course advice: Biology is a basic subject in the Department of Integrated Science and Engineering, and it is a fundamental subject for students to learn after transferring. It is necessary to understand these subjects in order to transfer to a new department. Preparatory study to be done in advance. Foundational subjects: Chemistry I (2nd year), Chemistry II (3rd), Experiments in Science (2nd), General Biology (2nd), Molecular Biology (3rd), Applied Biology (4th), Developmental Biology (4th), Experiments in Biology (4th), Biochemistry (4th), Cell Biology (4th), Bioinformatics (5th)										
Characte	eristics o			vision in Lea		- 5/ (- /	,	(-					
		or Class /					□ Applicable	2 to D	omoto Class	☐ Ins	structor Professionally		
☐ Active Learning ☐ Aided by ICT					1	☐ Applicable to F			emote class	Experi	ienced		
Course F	rian	<u> </u>	T					Τ.					
	1st Quarter	4 .	Theme The course will not be offered					Go	als				
		1st	The	course will no	t be off	ered this y	/ear.	+					
		2nd	1					+					
		3rd	1					+					
		4th	1					+					
		5th 6th	1					+					
		7th	1					+					
		8th											

		9th						
		10th						
		11th						
	2nd	12th						
	Quarte	r 13th						
		14th						
		15th						
		16th						
2nd		1st						
		2nd						
		3rd						
	3rd	4th						
	Quarte	r 5th						
		6th						
		7th						
		8th						
Semeste r		9th						
		10th						
		11th						
	4th	12th						
	Quarte	r 13th						
		14th						
		15th						
		16th						
Evaluat	ion Me	thod and W	eight (%)					
		Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal)	0	0	0	50	50	100
Basic Proficiency)	0	0	0	50	50	100
Specialized Proficiency)	0	0	0	0	0	0
Cross Area Proficiency)	0	0	0	0	0	0