А	.kashi Co	ollege	Year 2024			Course Environmental Science							
Course	Informa	tion				1100	e						
Course Co		6026			Course Categor	v Ger	neral /	Elective					
Class Forr		Lecture				Academic Credit: 2							
				al and Electronic System		Adv. 2nd							
Term	Engineering					eek 2							
Textbook				Total Part 1									
	Teaching Materials Instructor WATANABE Moriyoshi,HIRAISHI Toshihiro												
	Objectiv		ABE MONYOSHI, HI	KAISHI TUSHIIIIU									
(1) Under to examir perspectiv (2) Exami	rstand the ne and exp ve. ine the rel	formation of the relationship be	ationships betwe etween the envir	en life, the natural	environment, ar e, think about pr	nd environi oblems wit	mental th envi	osystem, and acquire the ability lissues from a multifaceted ironmental issues, and acquire					
Rubric			1										
			Ideal Level		Standard Level			Unacceptable Level					
Achievem	ent 1		global environ basic knowled ecosystem, ar and explain th between life, t environment,	ge of the natural and can examine be relationships the natural and lissues from a	Understand the formation of the global environment and the basic knowledge of the natural ecosystem, and can explain the relationships between life, the natural environment, and environmental issues.		ne atural in the , the	Do not understand the formation of the global environment and the basic knowledge of the natural ecosystem, and cannot explain the relationships between life, the natural environment, and environmental issues.					
		tment Ob	ojectives										
Teachin	g Metho												
Outline (1) Lectures on biological and global environments, and an outline of ecosystems, and methods for presthem. (8 weeks taught by Watanabe) (2) Lectures on environmental issues from history, material cycles, and regional disparities. (7 weeks taby Hiraishi)													
Style		The cou	s will be held using slides and videos and with materials distributed as appropriate. rse is open to students from any department. Classes will be taught as simply as possible. Before ne course, students should carefully read through the materials distributed in advance to fully and the content, and summarize the main points and questions.										
Notice		guarante assignm The leve score for	burse's content will amount to 90 hours of study in total. These hours include the learning time ateed in classes and the standard self-study time required for pre-study / review, and completing ment reports. vels of achievement will be evaluated by faculty members in the following methods. The minimum for a pass will be 60% in total. The weight for each faculty member's evaluation will be "1" for Hiraishi " for Watabe.										
Charact	eristics	of Class /	Division in Le	earning									
□ Active		,					to Remote Class						
Course	Plan												
200130			Theme			Goals							
1st Semeste r	1st Quarter	1st	The formation of history of pollution	the global enviror on (Watanabe)	Can explain the process in which the current global environment was formed, and the relationship between pollution and health that has occurred in the past.								
		2nd	Development an impacts(Watana	elopment and Environmental acts(Watanabe)			Can explain the impact of development acitivities on the natural environment.						
		3rd	Global environme	ental issues (Wata	nabe)	Can explain the current state of environmental issues and the measures to be taken on a global scale.							
		4th	The basics of en	basics of environmental ecology (Watanabe)			Can explain the concepts, types and distributions, and individual organism and population, and the growth of population ecology.						
		5th	Biodiversity and	odiversity and its crisis(Watanabe)			Can explain the current state of biodiversity and the crisis it is facing. Can calculate diversity index of species.						
		6th	Ecosystem conse	ystem conservation techniques (Watanabe)			Can explain technical classification (conservation, restoration, and creation) to protect the environment including ecosystems using concrete examples.						
		7th	The functions an ecosystems(Wat		Can explain the current state of forest , agricultural, urban and auqtic ecosystems and urban ecosystems.								
		8th	Ecosystem asses	sment(Watanabe)	Can perform ecosystem asses s ment using some methods.								
	2nd Quarter	9th Report assignment briefing Environmental issues and history				Set up and implement solutions to environmental issues in one's life. Learn about the causes and history of modern environmental issues.							

			10th	Life and society in the Edo period			Learn about life and society before today's environmental issues arose.			
			11th	Watch the "An Inconvenient Truth" and think about it. Watch the "An Inconvenient Truth" and think about it.			Learn about climate change issues.			
			12th				Learn about climate change issues and recognize the challenges.			
		13th		"Ancient Futures: Learning from Ladakh"			Think about the time gap in the problems due to geographic inequalities.			
			14th	"Ancient Futures:	Learning from La	dakh"	Think about the time gap in the problems due to geographic inequalities.			
			15th	Return and amend report assignments			Add opinions to the faculty's comments sent via Teams about the assignment in week 9.			
			16th	About SDGs			Understand SDGs.			
Evaluation Method and Weight (%)										
e:		exercises(Wata nabe)		<u> </u>	Report(Hiraishi	Behavior	Portfolio	Other	Total	
Subtotal		50		0	50	0	0	0	100	
Basic Proficiency		0		0	0	0	0	0	0	
Specialized Proficiency		50		0	50	0	0	0	100	
Cross Area Proficiency		0		0	0	0	0	0	0	