	Akashi College		Year 2022		Course Title	Applied Mathematics B	
Course	Informa	tion					
Course Co	ode	4428		Course Ca		y Specialized / Elective	
Class Format Lecture					Credits	School (Credit: 2
Computer			nd Computer Engineering Engineering Course		Student Grade	4th	
Term Second Se Textbook and/or			mester Classes per		Classes per Wee	eek 4	
Teaching	Materials						
Instructo			RA Hiromichi				
	Objectiv						
máthema	atical formu	ulae.		-	nem to engineerin		sentences containing on a basic level.
Rubric							
			Ideal Level Standard		Standard Level		Unacceptable Level
Achievement 1					Can make a deductive inference based on basic matters.		e Cannot make a deductive inference based on basic matters.
Achievement 2			Can fully perform basic calculations in vector calculus, and fully apply them to conging and physics on a		Can perform bas in vector calculu them to enginee physics on a bas	is, and apply ering and	
Assigne	ed Depar	tment Obje	ectives				
	ng Metho						
Outline	<u> </u>	In this cou variable) b	ased on the cal	culus and linear a	ector calculus (inc algebra learned so including basic ap	far. This is als	n complex functions of one to applied to engineering and
Style					d there will also b		d quizzes.
Notice		land basic t	heorem and ide	and Alen if page			
		attitude, et	an earn extra p tc. in the class.	oints by submittir	ssarv. review the a	content learned inments, and le	e it yourself based on definitions d during the previous years. ose their points depending on thei grade.
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			Overview of the theory of functions variable	s of a complex	Can calculate and discuss based on the basic matters of complex integrals.			
		14th	Overview of the theory of functions variable	s of a complex	Can calculate and discuss based on the basic matters of singular points.			
		15th	Application to electromagnetism		Can handle the basic matters of electromagnetism based on the methods of vector calculus.			
		16th	Final exam					
Evaluation Method and Weight (%)								
			Examination	Exercises / Short test		Total		
Subtotal			60	40		100		
Basic Proficiency			60	40		100		
Specialized Proficiency			0	0		0		
Cross Area Proficiency			0	0		0		