Toyama College		Year	2022		Course Title	Fundamental Mathematics A II		
Course	Informa	tion						
Course Co	ode	0019			Course Category	General ,	/ Compulsory	
Class Format Lecture					Credits	School C	redit: 2	
Department Departmer Engineerin			nt of Electronics and Computer g		Student Grade	1st		
Term		Second Sem	nester		Classes per Wee	k 4		
Textbook Teaching								
Instructor		Sakurai Hide	eto,Fujii Sensh	u				
Course	Objectiv	es						
1) unders	stand and o	carry out funda	amental calcula	e able to ations on exponen ations on logarith ations on quadrati	mic functions cor	rectĺv		
Rubric					,			
			Ideal Level		Standard Level		Unacceptable Level	
Achievement 1			Clearly understands, and is able to carry out fundamental calculations on exponential functions.		Ability to understand and carry out fundamental calculations on exponential functions.		Does not display understanding and is unable to carry out fundamental calculations on exponential functions.	
Achievement 2			Clearly understands, and is able to carry out fundamental calculations on logarithmic functions.		Ability to understand and carry out fundamental calculations on ogarithmic functions.			
Achievement 3			Cl		Ability to understand and carry out fundamental calculations on quadratic curves.		Does not display understanding	
Assigne	d Depar	tment Objec			I		143441411 CUITCOI	
	7ポリシー 3							
Teachin	ig Metho	d						
Outline		In this cours	se, students wi	ill learn about bas	ic mathematics, s	specifically: exp	onential functions, logarithmic	
					nts will make has	ics calculátions	of them	
Style		Lectures and	•	urves. And, stude	nts will make bas	ics calculations	of them.	
		Lectures and	d exercises	equires 50 points		ics calculátions	of them.	
Notice	eristics (Lectures and The recogni	d exercises	equires 50 points		ics calculations	of them.	
Notice		Lectures and The recognition of Class / Di	d exercises tion of credit re	equires 50 points arning		ics calculations	☐ Instructor Professionally Experienced	
Notice Charact Active	Learning	Lectures and The recognition of Class / Di	d exercises tion of credit re vision in Lea	equires 50 points arning	or more rating.	ics calculations	of them.	
Notice Charact Active	Learning	Lectures and The recognitor Class / Di	d exercises tion of credit re vision in Lea Aided by IC	equires 50 points arning	or more rating. Applicable to	Remote Class	of them.	
Notice Charact Active	Learning	Lectures and The recognitor Class / Di	d exercises tion of credit re vision in Lea	equires 50 points arning	or more rating. Applicable to	Remote Class Goals Guidance: Discu	of them.	
Notice Charact Active	Learning	Lectures and The recognitor Class / Di The	d exercises tion of credit re vision in Lea Aided by IC eme dance	equires 50 points arning T	or more rating. Applicable to	Remote Class Goals Guidance: Discourse.	☐ Instructor Professionally Experienced	
Notice Charact Active	Learning	Lectures and The recognitor Class / Di	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function	equires 50 points arning T on -1-	or more rating. Applicable to	Remote Class Goals Guidance: Discuourse. Learn the definitearn the basic	☐ Instructor Professionally Experienced	
Notice Charact Active	Plan	The recognic of Class / Di The st Gui 2nd Exp 3rd Exp	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function	equires 50 points arning T on -1- on -2-	or more rating. Applicable to C C C C C L	Remote Class Goals Guidance: Discrourse. Learn the definite description.	Instructor Professionally Experienced uss the goals and structure of this tion of the exponential function. property of the exponential	
Notice Charact Active	Learning	Lectures and The recognic of Class / Di The 1st Gui 2nd Exp 3rd Exp 4th Exp	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function	equires 50 points arning T on -1- on -2- on -3-	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Guidance: Discrete Course. Learn the definite Learn the basic Learn the Learn th	Instructor Professionally Experienced uss the goals and structure of this tion of the exponential function. property of the exponential property of the exponential	
Notice Charact Active	Plan 3rd	The recognic of Class / Di The st Gui 2nd Exp 3rd Exp 4th Exp 5th Log	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function	equires 50 points arning T on -1- on -2- on -3- ion -1-	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Gourse. Learn the definite arm the basic unction. Learn the basic unction. Learn the definite arm the basic unction. Learn the definite arm the basic unction.	Instructor Professionally Experienced uss the goals and structure of this tion of the exponential function. property of the exponential property of the exponential tion of the logarithmic function.	
Notice Charact Active	Plan 3rd	The recognic of Class / Di The st Gui 2nd Exp 3rd Exp 4th Exp 5th Log	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function	equires 50 points arning T on -1- on -2- on -3- ion -1-	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Goals Gourse. Learn the definite arn the basic unction. Learn the definite arn the basic unction.	Instructor Professionally Experienced Iss the goals and structure of this tion of the exponential function. property of the exponential property of the exponential tion of the logarithmic function. property of the logarithmic	
Notice Charact Active Course	Plan 3rd	The recognic of Class / Di The st Gui 2nd Exp 3rd Exp 4th Exp 5th Log 6th Log	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2-	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Goals Gourse. Learn the definite arn the basic unction. Learn the definite arn the basic unction.	Instructor Professionally Experienced Use the goals and structure of this tion of the exponential function. property of the exponential property of the exponential tion of the logarithmic function. property of the logarithmic function. property of the logarithmic tion and the basic property of the	
Notice Charact Active Course	Plan 3rd	The recognic of Class / Di Th	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2-	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Goals Gourse Learn the definite the basic function. Learn the basic function. Learn the basic function. Learn the definite the basic function. Learn the definite the basic function. Learn the definite the defini	Instructor Professionally Experienced Iss the goals and structure of this tion of the exponential function. property of the exponential property of the exponential tion of the logarithmic function. property of the logarithmic tion and the basic property of the hm.	
Notice Charact Active Course	Plan 3rd	The recognic of Class / Di The 1st Gui 2nd Exp 3rd Exp 4th Exp 5th Log 6th Log 7th Cor 8th Mid	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function conential function garithmic function garithmic function mmon logarithmic	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2-	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Guidance: Discuourse. Learn the definite defini	Instructor Professionally Experienced Iss the goals and structure of this tion of the exponential function. property of the exponential property of the exponential tion of the logarithmic function. property of the logarithmic tion and the basic property of the hm. hation.	
Notice Charact Active Course	Plan 3rd	The recognic of Class / Di The recognic of Class / Di The st Gui 2nd Exp 3rd Exp 4th Exp 5th Log 6th Log 7th Cor 8th Mid 9th Poin	d exercises tion of credit re vision in Lea Aided by IC eme dance conential functi conential functi garithmic functi garithmic functi mmon logarithmic lterm exam	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2- m	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Guidance: Discustions Guidance: Discustions Learn the definite arn the basic unction. Learn the basic unction. Learn the definite arn the basic unction. Learn the definite arn the defi	Instructor Professionally Experienced Uses the goals and structure of this tion of the exponential function. property of the exponential tion of the logarithmic function. property of the logarithmic function. property of the logarithmic tion and the basic property of the hm. Institution. In the logarithmic tion and the basic property of the hm. Institution formula and the distance between two points. In the logarithmic tion formula and the distance between two points. In the logarithmic tion formula and the distance between two points. In the logarithmic tion find the equation of a line ten condition.	
Notice Charact Active Course	Plan 3rd Quarter	The recognic of Class / Discrete Class /	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function conential function garithmic function garithmic function the function of the function conential fu	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2- m	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Goals Guidance: Discuourse. Learn the definite arn the basic unction. Learn the basic unction. Learn the definite arn the basic unction. Learn the definite arn the way the definite arn the d	Instructor Professionally Experienced Uses the goals and structure of this tion of the exponential function. property of the exponential tion of the logarithmic function. property of the logarithmic function. property of the logarithmic tion and the basic property of the hm. Install section formula and the distance between two points. To find the equation of a line en condition.	
Notice Charact Active Course	Plan 3rd	The recognic of Class / Di The 1st Gui 2nd Exp 3rd Exp 4th Exp 5th Log 6th Log 7th Cor 8th Mid 9th Poil 10th Line	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function conential function garithmic function garithmic function the function of	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2- m	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Guidance: Discuourse. Learn the definite defini	Instructor Professionally Experienced Uses the goals and structure of this tion of the exponential function. property of the exponential tion of the logarithmic function. property of the logarithmic function. property of the logarithmic tion and the basic property of the hm. Install section formula and the distance between two points. To find the equation of a line en condition.	
Notice Charact Active Course	Plan 3rd Quarter	The recognic of Class / Di The 1st Gui 2nd Exp 3rd Exp 4th Exp 5th Log 6th Log 7th Cor 8th Mid 9th Poir 10th Line 11th Line 12th Qui	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function conential function garithmic function garithmic function the function of the function conential fu	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2- m	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Go	Instructor Professionally Experienced Instructor Profess	
Notice Charact Active Course	Plan 3rd Quarter	The recognic of Class / Di The recognic of Class / Di The 1st Gui 2nd Exp 3rd Exp 4th Exp 5th Log 6th Log 7th Cor 8th Mid 9th Poir 10th Line 11th Line 12th Qua 13th Qua	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function conential function garithmic function garithmic function the function of	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2- m	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Goals Goals Guidance: Discurcion Learn the definite of	Instructor Professionally Experienced Iss the goals and structure of this tion of the exponential function. property of the exponential property of the exponential tion of the logarithmic function. property of the logarithmic tion and the basic property of the hm. nation. Inal section formula and the distance between two points. The individual in the en condition. In find the equation of a line en condition. In find parallel lines and the distance between two points. The individual in the en condition.	
	Plan 3rd Quarter	The recognic of Class / Di The recognic of Class / Di The 1st Gui 2nd Exp 3rd Exp 4th Exp 5th Log 6th Log 7th Cor 8th Mid 9th Poin 10th Line 11th Line 12th Qua 13th Qua 14th Ine 15th Fina	d exercises tion of credit re vision in Lea Aided by IC eme dance conential function conential function garithmic function garithmic function the mon logarithmic function the mon logarithmic function arithmic function garithmic function gar	equires 50 points arning T on -1- on -2- on -3- ion -1- ion -2- m	or more rating. Applicable to C C C C C C C C C C C C C C C C C C	Remote Class Goals Goals Guidance: Discuourse. Learn the definite arn the basic unction. Learn the definite arn the definite arn the definite arn the definite arn the interpolation and the learn the way the pendicular lift arn the definite arn the demandinal examinations	Instructor Professionally Experienced Iss the goals and structure of this tion of the exponential function. property of the exponential property of the exponential tion of the logarithmic function. property of the logarithmic function. property of the logarithmic tion and the basic property of the hm. Ination. Inal section formula and the distance between two points. In the equation of a line en condition. In find parallel lines and nes. Ition of the quadratic curve. Ition of the quadratic curve. In property of the quadratic curve. In and range of inequalities.	

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	70	0	0	0	0	30	100
Basic Proficiency	70	0	0	0	0	30	100
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0