

Toyama College		Year	2022		Course Title	Linear Algebra II	
Course Information							
Course Code	0047		Course Category	General / Elective			
Class Format	Lecture		Credits	School Credit: 1			
Department	Department of Electronics and Computer Engineering		Student Grade	2nd			
Term	Second Semester		Classes per Week	2			
Textbook and/or Teaching Materials	新版 線形代数 実教出版, 新版 線形代数 演習 実教出版						
Instructor	Ohtake Yukiko						
Course Objectives							
The course treats the basis of matrix.							
Rubric							
	Ideal Level of Achievement (Very Good)		Standard Level of Achievement (Good)		Unacceptable Level of Achievement (Fail)		
Evaluation 1	One can solve advanced problems of matrix operation.		One can solve basic problems of matrix operation.		One cannot solve basic problems of matrix operation.		
Evaluation 2	One can solve advanced simultaneous equations by using matrix.		One can solve basic simultaneous equations by using matrix.		One cannot solve simultaneous equations by using matrix.		
Evaluation 3	One can calculate advanced determinant.		One can calculate basic determinant.		One cannot calculate basic determinant.		
Assigned Department Objectives							
MCCコア科目 ディプロマポリシー 3							
Teaching Method							
Outline	The course treats the basis of matrix.						
Style	The schedule of this lecture might be slightly changed so that students can easily follow. Student masters this course through lectures and seminar.						
Notice	The recognition of credit requires 50 points or more rating. A person who has a rating of less than 50 points may be subjected to an approval test by request. As the result of the approval test, the evaluation is made to be 50 points in the person who the mastery of the unit is recognized.						
Characteristics of Class / Division in Learning							
<input checked="" type="checkbox"/> Active Learning		<input checked="" type="checkbox"/> Aided by ICT		<input checked="" type="checkbox"/> Applicable to Remote Class		<input type="checkbox"/> Instructor Professionally Experienced	
Course Plan							
			Theme	Goals			
2nd Semester	3rd Quarter	1st	Matrix operation 1				
		2nd	Matrix operation 2				
		3rd	Matrix operation 3				
		4th	Matrix and simultaneous equations 1				
		5th	Matrix and simultaneous equations 2				
		6th	Determinant 1				
		7th	Determinant 2				
		8th	Mid-term examination				
	4th Quarter	9th	Determinant 3				
		10th	Determinant 4				
		11th	Determinant 5				
		12th	Inverse matrix 1				
		13th	Inverse matrix 2				
		14th	Rank				
		15th	Term-end examination				
		16th	Checking the final grade				
Evaluation Method and Weight (%)							
	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	80	0	0	0	20	0	100
Basic Ability	80	0	0	0	20	0	100
Technical Ability	0	0	0	0	0	0	0
Interdisciplinary Ability	0	0	0	0	0	0	0