

Tsuyama College		Year	2021	Course Title	General Aspects of Integrated Engineering II
Course Information					
Course Code	0041		Course Category	Specialized / Elective	
Class Format	Lecture		Credits	School Credit: 1	
Department	Department of Integrated Science and Technology Advanced Science Program		Student Grade	3rd	
Term	Intensive		Classes per Week		
Textbook and/or Teaching Materials					
Instructor	CHO Feifei				
Course Objectives					
Objective: To acquire knowledge of electrical circuits and programming, which are the foundations of total rational engineering, and to acquire the basic skills for understanding engineering phenomena and problem solving.					
Objective: To acquire basic skills for understanding engineering phenomena and problem solving.					
1) To understand the basics of programming.					
2) To deepen students' understanding through exercises.					
Rubric					
	Excellent	Good	Acceptable	Not acceptable	
Achievement 1	To understand the basics of programming very well.	To understand the basics of programming.	Does not understand the basics of programming very well.	Has not reached the required standards.	
Achievement 2	To deepen students' understanding through exercises very well.	To deepen students' understanding through exercises.	Does not to deepen students' understanding through exercises very well.	Has not reached the required standards.	
Assigned Department Objectives					
Teaching Method					
Outline	General or specialized: General Field of learning: Common and Basic Natural Sciences Foundational academic disciplines: Information engineering Relationship with Educational Objectives :This class is equivalent to "(4) Develop multi-disciplinary ability". Relationship with JABEE programs : The main goals of learning / education in this class are "(A) , A-2". 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	Course method : During long vacations, etc., lectures are given in a concentrated manner. Classes are based on assignment reports and exercises, and lectures are given as needed. Grade evaluation method: Notes (50%) and reports (50%).				
Notice	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 in intensive course during the long vacation. 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 : Experimental Practice for Science and Engineering (1st year), Information Literacy (1st) Related subjects: Trans Exercise of All Program I (3rd), Trans Exercise of All Program II (4th), Communication and Information Systems(5th) Attendance advice :Typing speed and accuracy are important in programming, so it is important to practice enough. A student who enters the room after checking attendance will be considered tardy. Two tardies will count as one credit hour of missed class time.				
Characteristics of Class / Division in Learning					
<input type="checkbox"/> Active Learning		<input type="checkbox"/> Aided by ICT		<input checked="" type="checkbox"/> Applicable to Remote Class	<input type="checkbox"/> Instructor Professionally Experienced
Course Plan					
			Theme	Goals	
1st Semester	1st Quarter	1st	The course will not be offered this year.		
		2nd			
		3rd			
		4th			
		5th			
		6th			
		7th			
		8th			
	2nd Quarter	9th			
		10th			
		11th			
		12th			
		13th			

2nd Semester		14th		
		15th		
		16th		
	3rd Quarter	1st		
		2nd		
		3rd		
		4th		
		5th		
		6th		
		7th		
		8th		
	4th Quarter	9th		
		10th		
		11th		
		12th		
		13th		
		14th		
		15th		
		16th		

Evaluation Method and Weight (%)							
----------------------------------	--	--	--	--	--	--	--

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	0	0	0	0	50	50	100
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	0	0	0	50	50	100
Cross Area Proficiency	0	0	0	0	0	0	0