

Akashi College		Year	2023	Course Title	Introduction to Active Learning
Course Information					
Course Code	5117		Course Category	General / Compulsory	
Class Format	Seminar		Credits	School Credit: 1	
Department	Mechanical Engineering		Student Grade	1st	
Term	First Semester		Classes per Week	2	
Textbook and/or Teaching Materials	A separate handout will be provided.				
Instructor	TAKEDA Naho,HIRANO Masatsugu,MIZUNO Yuki				
Course Objectives					
Students acquire the mind, knowledge, and skills that form the basis of learning by grasping their interests and interests, thinking and acting with others. Students learn about the idea of building relationships between each other, work on problem solving as a team, and experience learning to achieve optimal solutions. Based on the purpose of the above subjects, the following three points are the goals to be achieved. 1) You can try to communicate with others. 2) You can try to listen to others. 3) You can try to look back on yourself.					
Rubric					
	Excellent		Good		Insufficient
Achievement 1	Be able to communicate with others.		Try to communicate with others.		Don't try to communicate with others.
Achievement 2	Be able to listen to others.		Try to listen to others.		Don't listen to others.
Achievement 3	Be able to look back on yourself.		Try to look back on yourself.		Don't look back on yourself.
Assigned Department Objectives					
Teaching Method					
Outline	At KOSEN, which are higher education institutions, it is necessary to "set up their own problems and find the right solutions for them". The purpose of this class is to acquire basic skills in learning at KOSEN through a series of processes of learning and learning about oneself and others, working on problem solving as a team, and creating "answers".				
Style	You will learn various ways of exploring through individual work and group work. The grade evaluation is judged by the deliverables of group work and individual work in the lecture. In addition, evaluation points are evaluated in each deliverable, such as the expressive power transmitted to the other party, the logical thinking ability to organize the path to the answer that you gave, and the introspective ability to reflect on your thoughts after receiving the other person's feedback. The four faculty members in charge of the class plan will share the lecture.				
Notice	Students who miss 1/4 or more of classes will not be eligible for evaluation. Classes are developed using a participatory learning method, focusing on discussions between students. By speaking out your own ideas and listening carefully to the voices of others, learning becomes richer. For this reason, it is necessary to actively participate in the process of creating a place of learning together. The overall evaluations will be based 40% on reports, 20% on presentations and feedback, and 40% on in-class assignments. Students who achieve 60% or above can pass the course.				
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	
1st Semester	1st Quarter	1st	Orientation (All instructors)	To understand the outline and purpose of the course.	
		2nd	Introduce yourself & get to know each other (Takeda and Araki)	To learn about the students who take this course together.	
		3rd	Scientific writing (Takeda)	Can appropriately cite the underlying paper and make a sentence consisting of introductions, mains, and conclusions to show their claims.	
		4th	Basic of problem definition (Takeda)	Can propose a solution to the problem using the idea method after defining the problem by the present state and the clear culture of the target.	
		5th	Application of problem definition (Araki)	Can examine problem definitions and solutions based on interviews with others by utilizing problem definition technology and ideas	
		6th	Communication ① (Araki)	Can understand and practice the techniques of listening and questioning necessary for interactive communication.	
		7th	Communication ② (Ando)	Can understand and practice the discussion methods necessary to discuss various issues and issues.	
		8th	Teamwork ① (Hirano)	To practice learning with your peers.	
	2nd Quarter	9th	Teamwork ② (Hirano)	To practice problem solving as a team.	
		10th	Question without the answer: Society① (Araki)	Can understand the various methods for analyzing objects in a complex and uncertain society.	
		11th	Question without the answer: Society② (Araki)	Can understand the concept of creating value in a society with high complexity and uncertainty.	

		12th	Question without the answer: Science① (Ando)	Can understand the importance of cross-field collaboration by understanding commonalities and differences between specialized fields based on the relationship between science and technology and society
		13th	Question without the answer: Science② (Ando)	Can understand methods for communicating questions and answers based on the relationship between science and technology and society
		14th	Class planning① (Takeda)	Can reflect on their learning in this course and explain to others how to learn in the future.
		15th	Class planning② (Takeda)	Can reflect on their learning in this course and propose to others how to learn in the future.
		16th	Half-year review (final report)	To write about your own practice and plans for the future, in line with your half year study.

Evaluation Method and Weight (%)

	Reports	Presentations and feedback	Reflection	Effort status for classes	Total
Subtotal	30	20	30	20	100
基礎的能力	10	10	20	10	50
分野横断的能力	20	10	10	10	50