Tsuyama Co	ollege	Year	2021		Course Title	Trans Exercise of All Program II		
Course Informati	Course Information							
Course Code	urse Code 0061			Course Category	Specializ	Specialized / Compulsory		
Class Format	Seminar		Credits	Academ	Academic Credit: 4			
Department	Department of Integrated Science and Technology Communication and Informations System Program		Student Grade	4th	4th			
Term	Year-round Classes per Week 2							
Textbook and/or The books designated by each teacher, articles on the Internet, textbooks and reference books used in class, friends, etc., are all teaching materials.								
Instructor TAKETANI Hisashi								

Course Objectives

Learning purposes:

To acquire engineering design and teamwork skills by grasping the purpose of the theme, recognizing what needs to be prepared, utilizing one's own expertise and communicating with other specialties to solve problems that have arisen, and devising ways to

- Course Objectives:

 1. To be able to recognize what you need to prepare and proceed with your studies.

 2. To be able to understand the issues to be solved and be able to learn autonomously.

 3. To be able to proceed systematically with an awareness of the goal.

 4. To be able to be creative while being aware of the role of other members.

 5. To be able to make a presentation in the final presentation in a way that is easy to ur

© 5. To be able to make a presentation in the final presentation in a way that is easy to understand and devise, and be able to debate accurately.						
Rubric						
	Excellent	Good	Acceptable	Not acceptable		
Achievement 1	The student can grasp the current situation and goals, find issues in the deviations, understand the causal relationship and priority of the issues, try to find out the main causes, and propose action to solve them. The student can summarize, organize, and structure the essence of complex events.	The student can grasp the current situation and goals, find issues in their discrepancies, and understand the basic methods for collecting, analyzing, and organizing information necessary for solutions. The student can understand the essence of events objectively and logically, and choose the best option.	The student can grasp the current situation and goals, find issues in the gap between them, and understand the basic methods for collecting, analyzing, and organizing information necessary for solutions. The student can understand the essence of events objectively and logically, and be able to select almost appropriate options.	Has not reached the required standards.		
Achievement 2	The student can demonstrate his or her own ability to improve the situation in his or her group. The student can manage daily life and make every effort to maintain good conditions.	The student can understand the importance of independent action and take action on his or her own initiative. The student can manage his or her daily life and act responsibly.	The student can understand the importance of independent action and perform mostly satisfactory actions. The student can manage daily life and behave responsibly in general.	Has not reached the required standards.		
Achievement 3	The student can listen to the opinions of the group, express his or her own opinions, and form a consensus for the purpose. The student can act with an awareness of being a member of a society. The student can understand the necessity, rules, and manners of teamwork, control his or her own emotions, respect the opinions of others, communicate appropriately, and collaborate with others with a sense of ownership. The student can set a good example of conduct ahead of others. The student can explain verbally, encourage appropriate cooperative behavior in others, and promote collaborative work and research.	The student can listen to the opinions of the group, express his or her own opinions, and understand his or her individual role in the group. The student can understand the importance of a sense of responsibility and take basic actions. The student can understand the items necessary for teamwork to help the organization function effectively. The student can understand the role of leaders for the effective functioning of the organization.	The student can respond to the opinions of the group, express his or her own opinions, and generally understand his or her individual roles in the group. The student can understand the importance of responsibility and can take basic actions. The student can generally understand the items necessary for teamwork for the organization to function effectively. The student can understand the role of leaders for effective functioning of the organization.	Has not reached the required standards.		

Achievement 4		IC fo ga	The student can use IT, ICT tools, texts, etc. r basic information athering and ssemination.	• The studer ICT, ICT tool for informatic and dissemin to understan application all potential of I	on gathering lation, and d the nd future	• The student can handle ICT, ICT tools, texts, etc. for information gathering, utilization, and transmission.	Has not reached the		
Assigne	Assigned Department Objectives								
Teachin	g Metho	d							
		General or Specialized: Specialized Field of learning: Interdisciplinary subjects and others Foundational academic disciplines: Subjects studied in 1st, 2nd and 3rd year Relationship with Educational Objectives:							
	This class is equivalent to "(4) Dévelop multi-disciplinary ability", "(5) Attain a global perspective and understanding of social development", "(6) Develop problem solving ability" and "(7) Develop communicand presentation abilities".								
Outline		Advan Mecha and "(Progra	Relationship with JABEE programs: Advanced Science Program: The main goal of learning / education in this class is "(D)". Mechanical Systems Program: The main goal of learning / education in this class is "(A), (A-3)", also "(D-1)" and "(F-2)" are involved. This is a course with university equivalent content and is related to the JABEE Programs.						
Odemic		also "(Progra	F-1)" are involved. This ms.	is a course wi	th university	equivalent content and is			
		"(D), (Communication and Information Systems Program: The main goal of learning / education in this class is "(D), (D-2)", also "(F-1)" are involved. This is a course with university equivalent content and is related to the JABEE Programs.						
		In the ability Progra handling the se	Course outline: In the first semester, the student works on problems while instructing younger students, making use of the ability to discover and solve problems that he or she has learned in the last year's Trans Exercise of All Program I (3rd year). In the first semester, the student deepens his or her understanding of the correct handling of information through the study of information security that should be considered in each field. In the second semester, the student will study the theme set by each student or the theme proposed by the faculty member for his or her Graduation Thesis (5th year) in his or her department.						
		Course In the theme	e method : first semester, the stude , adding new juniors to t	ent works as a	a team to solv	e the current problems ar			
		Progra In the her ins		udent studies raduation The	the theme hesis in his or h	e or she has set or the the er department.	me presented by his or		
Style	Style Grade evaluation method: Presentation at the final debriefing session and group presentations, and submission of the report by deadline are prerequisites for evaluation in accordance with the following The final grade is 50% of the 1st semester's grade plus 50% of the 2nd semester's. The 1st semester's grade is 30% of the report + 40% of the status of exercises, etc. + 30% of the presentation (final debriefing session). The 2nd semester's grade is 30% of the report + 40% of the status of exercises, etc. + 30% of the presentation (group presentations).						c. + 30% of the		
	Precautions on the enrollment: Students must take this class (no more than one-fifth of the required number of class hours missed) and earl the credit in order to complete the 4th year course. This is a class that requires study outside of class hours. A total of 45 hours of study is required per credit, including both class time and study outside class time. Follow the instructions of the instructor regarding study outside of class hours.								
Notice		As a p and th The ob	Course advice: As a preparatory study to be done in advance, confirm the issues found in Trans Exercise of All Program I and think about the solutions to them. The objectives of this course are to develop engineering design skills to solve problems under limited conditions (by cooperating with the whole team), and to develop the ability to create new problems and solve them.						
Foundational subjects: Introduction to Science and Engineering (1st year), Fundamental Challenge Se (Advanced Science Program 2nd), Trans Exercise of All Program I (3rd), Subjects studied up to 3rd y etc. Related subjects: Interdisciplinary subjects (5th year), etc.						nental Challenge Seminar studied up to 3rd year,			
	Attendance advice: To share problems with teammates in other fields of specialization (to improve communication skills) so that you can learn with an awareness of your own specialization (to enhance your own expertise), and at the same time, to find points of contact between other fields of specialization and your own (to improve interdisciplinary skills) and to devise ways to solve problems.								
Charact	eristics c	of Class	/ Division in Learni	ng		1			
☑ Active			☑ Aided by ICT		☑ Applicable	e to Remote Class	structor Professionally ienced		
Requi		ubje	cts						
Course	Plan		I			T ₌ .			
			Theme			Goals To understand the educ	rational objectives		
1st Semeste Remeste Published 1st Published		1st	Guidance Information security training			learning content and as To understand the prec Internet.	sessment methods.		

and develop a plan for exercises the investigate and review the content of the theme, and develop a plan for exercises the investigate and review the content of the theme, and develop a plan for exercises the investigate and review the content of the theme, and develop a plan for exercises the investigate and review the content of the theme, and the properties of the theme, and the production and experimentation. Work towards the realization of each theme, experimentation. The Work towards the realization of each theme, experimentation. Same as above. Same as above.			2nd	Investigate and review the content of the theme, and develop a plan for exercises	lattitudes and orientations, integrated learning lexperiences and creative thinking skills as
Ath			3rd		
Sime as above. Same as above.			4th	Investigate and review the content of the theme,	Same as above.
Same as above.			5th	Investigate and review the content of the theme,	Same as above.
Work towards the realization of each theme, copyrimentation of the copyrimentation of each theme, same as above. 8th (1st semester mid-term exam) 9th including learning, production and experimentation of each theme, septemberitation of each theme, including learning, production and experimentation. 2nd (Quarter) 2nd (Quarter) 2nd (Quarter) 12th (Septemberitation) 13th including learning, production and experimentation of each theme, including learning, production and experimentation. 13th including learning, production and experimentation of each theme, including learning, production and experimentation. 13th including learning, production and experimentation. 13th (Septemberitation) 13th (Septembe			6th	Work towards the realization of each theme, including learning, production and	Same as above.
Seme as above. 9th			7th	Work towards the realization of each theme, including learning, production and	Same as above.
Same as above.			8th	(1st semester mid-term exam)	Same as above.
Indicating learning, production and experimentation work towards the realization of each theme, including learning, production and experimentation work towards the realization of each theme, including learning, production and experimentation. Indicating learning, production and experiments in the realization of each theme, including learning, production and experiments. Indicating learning, production and experiments of each theme, including learning, production and experiments. Indicating learning, production and experiments and experiments of each theme, including learning, production and experiments. Indicating learning, production and experiment, production and practice assignments given by your department a			9th	including learning, production and	Same as above.
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Quarter 12th Including learning, production and experimentation Work towards the realization of each theme, including learning, production and experimentation Same as above.			11th	including learning, production and	Same as above.
13th		2nd Quarter	12th	including learning, production and	Same as above.
15th			13th	including learning, production and experimentation	Same as above.
1st Summary of results (preparation and submission of the last semester's report) 1st Guidance To understand the educational objectives, learning content and assessment methods of each system 2nd Study for graduation research in your department and practice assignments given by your department			14th	The final debriefing session	Same as above.
1st Guidance To understand the educational objectives, learning content and assessment methods of each system 2nd Study for graduation research in your department and practice assignments given by			15th		Same as above.
1st Guidance learning content and assessment methods of each system			16th	Summary of results (preparation and submission of the last semester's report)	Same as above.
and practice assignments given by your second semester guidance. Study for graduation research in your department and practice assignments given by your department such practice assignments given by your department and practice assignments given by your department such practice assignments given by your department and practice assignments given by your department prepare for group presentations Study for graduation research in your department and practice assignments given by your department and practice assignments given by your department prepare for group presentations Study for graduation research in your department and practice assignments given by your department gepartment prepare for group presentations Study for graduation research in your department and practice assignments given by your department gepartment gepa			1st	Guidance	learning content and assessment methods of each
And guarter 3rd Quarter 4th and practice assignments given by your department and practice ass			2nd	and practice assignments given by your	
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Study for graduation research in your department and practice assignments given by your departme			4th	and practice assignments given by your department	Same as above.
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The and practice assignments given by your department			6th	and practice assignments given by your department	Same as above.
Study for graduation research in your department and practice assignments given by your departme	2nd Semeste		7th	and practice assignments given by your department	Same as above.
9th and practice assignments given by your department 10th Study for graduation research in your department and practice assignments given by your department 11th Study for graduation research in your department and practice assignments given by your department 11th Study for graduation research in your department and practice assignments given by your department 12th Study for graduation research in your department and practice assignments given by your department Prepare for group presentations 13th Group presentations Same as above. 14th Preparation of final report 15th (2nd semester final exam) Same as above. 16th Summary of results (preparation and submission of final report) Evaluation Method and Weight (%)	r		8th	,	Same as above.
10th and practice assignments given by your Same as above.		-	9th	and practice assignments given by your department	Same as above.
11th and practice assignments given by your department Study for graduation research in your department and practice assignments given by your department Prepare for group presentations 13th Group presentations 13th Preparation of final report 15th (2nd semester final exam) 16th Summary of results (preparation and submission of final report) Evaluation Method and Weight (%)			10th	and practice assignments given by your department	Same as above.
Quarter 12th Study for graduation research in your department and practice assignments given by your department Prepare for group presentations 13th Group presentations 14th Preparation of final report 15th (2nd semester final exam) Same as above.			11th	and practice assignments given by your department	Same as above.
14th Preparation of final report 15th (2nd semester final exam) Same as above. 16th Summary of results (preparation and submission of final report) Same as above. Evaluation Method and Weight (%)			12th	and practice assignments given by your department	Same as above.
15th (2nd semester final exam) Same as above. 16th Summary of results (preparation and submission of final report) Evaluation Method and Weight (%)			13th	Group presentations	Same as above.
Summary of results (preparation and submission of final report) Evaluation Method and Weight (%)				'	
				,	
			16th		Same as above.
Report Status of Exercises, etc. Presentation Total	Evaluat	ion Meth			<u> </u>
			Rep	oort Status of Exercises, etc.	resentation Total

Subtotal	30	40	30	100
Basic Proficiency	0	0	0	0
Specialized Proficiency	0	0	0	0
Cross Area Proficiency	30	40	30	100