Tsuyama College	Year	2021	Course Title	Basic Information Processing

Course Information

Course Code	0050	Course Category	General / Compulsory
Class Format	Lecture	Credits	School Credit: 2
Department	Department of Integrated Science and Technology Advanced Science Program	Student Grade	3rd
Term	Year-round	Classes per Week	2
Textbook and/or Teaching Materials	Textbook: None, Reference books: Materials will be distributed as needed		
Instructor	YAMADA Takafumi		

Course Objectives

Objective: To acquire the computer literacy, presentation and programming skills necessary for international students to study in Japan.

Course Objective:
1.To learn about computer literacy.
2.To learn about Japanese input and document creation.
3.To learn about the basics of presentations.
4. To study the mechanics of programming languages.
5. To have knowledge of information literacy and be able to apply it to their engineering fields.

Rubric

	Excellent	Good	Acceptable	Not acceptable
Achievement 1	Students have learned about computer literacy very well.	Students have learned about computer literacy.	Students have not learned about computer literacy very well.	Has not reached the required standards.
Achievement 2	Students have learned about Japanese input and document creation very well	Students have learned about Japanese input and document creation.	Students have not learned about Japanese input and document creation very well.	Has not reached the required standards.
Achievement 3	Students have learned about the basics of presentations very well.	Students have learned about the basics of presentations	Students have learnedabout the basics of presentations not so good	Has not reached the required standards.
Achievement 3	To demonstrate a knowledge of mechanics of programming languages very well.	To demonstrate a knowledge of mechanics of programming languages.	To demonstrate some knowledge of mechanics of programming.	Has not reached the required standards.

Assigned Department Objectives

Teaching Method

Outline	General or Specialized : Specialized Field of learning : Computer Science and Control Engineering Foundational academic disciplines : General Area of Study / Informatics/Basics of Informatics, Software, Computer System Network Relationship with Educational Objectives :This class is equivalent to (3) Acquire deep foundation knowledge of the major subject are Relationship with JABEE programs :The main goal of learning / education in this class is (A). Course outline :This course is designed for international students who will be transferring into the third year of study. Basic computer operations, Japanese input, basic presentation, and learning C as a basis for programming.
Style	Course method: The class will be based on the board and exercises. Exercises will be included to help students master the basic operations of computers. Exercises and reports will be given to deepen students' understanding. Grade evaluation method: Exercises which are(40%) to check students' level of understanding of lectures (60%) and assignments (40%).
Notice	Precautions on the enrollment : Students must take this class (no more than one-third of the required number of class hours may be missed) in order to complete the 3rd year course. Course advice : Foundational subjects : Related subjects : Attendance advice :Computer literacy, presentation and programming skills are essential to the smooth attendance of other exercises and lectures in third year, and students are expected to actively participate in the class. Students will be considered late if they arrive more than 15 minutes after the start of class. After more than 15 minutes, the student will be considered absent.

Characteristics of Class / Division in Learning

☐ Active Learning	☑ Aided by ICT	☑ Applicable to Remote Class	☑ Instructor Professionally Experienced

Must complete subjects

Course Plan

			Theme	Goals
1st Semester	1st Quarter	1st	Guidance	
		2nd	Learning how to use the OS, basic operations and setting up the environment	Can operate the basic OS
		3rd	Learning how to use the OS, basic operations and setting up the environment	Can operate the basic OS
		4th	Learning to type and write Japanese language documents	Can create documents by typing in Japanese

		5th	Learning to prepare presentation documents	Can prepare materials for presentations.
		6th	Learning to prepare presentation documents	Can prepare materials for presentations.
		7th	Learning about basic programming operations	Can perform basic programming operations
		8th	Learning about the rudiments of the C language	Be able to program in C for a given task
	2nd Quarter	9th	Learning about the rudiments of the C language	Be able to program in C for a given task
		10th	Learning about the rudiments of the C language	Be able to program in C for a given task
		11th	Learning about the rudiments of the C language	Be able to program in C for a given task
		12th	Learning about the rudiments of the C language	Be able to program in C for a given task
		13th	Learning about the rudiments of the C language	Be able to program in C for a given task
		14th	Learning about the rudiments of the C language	Be able to program in C for a given task
		15th	Learning about the rudiments of the C language	Be able to program in C for a given task
		16th		
2nd Semester	3rd Quarter	1st	Guidance(Explanation of the second half of the term and identification of the required areas)	Be able to do the necessary research and learn about your own issues
		2nd	Each student chooses his or her own subject (programming, etc.)	Be able to do the necessary research and learn about your own issues
		3rd	Each student chooses his or her own subject (programming, etc.)	Be able to do the necessary research and learn about your own issues
		4th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		5th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		6th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		7th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		8th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
	4th Quarter	9th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		10th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		11th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		12th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		13th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		14th	Research and study on their own issues	Be able to do the necessary research and learn about your own issues
		15th	Summary of results and report submission	Be able to write and submit a summary report on the assignment
		16th		

Evaluation Method and Weight (%)

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	Total
Subtotal	0	60	10	0	30	0	100
Basic Proficiency	0	0	0	0	0	0	0
Specialized Proficiency	0	60	0	0	30	0	90
Cross Area Proficiency	0	0	10	0	0	0	10