

Akashi College		Year	2023	Course Title	Computer Literacy A
Course Information					
Course Code	5130		Course Category	Specialized / Compulsory	
Class Format	Lecture		Credits	School Credit: 1	
Department	Electrical and Computer Engineering		Student Grade	1st	
Term	First Semester		Classes per Week	2	
Textbook and/or Teaching Materials					
Instructor	NAKAI Yuichi				
Course Objectives					
(1) Understand basic knowledge of computer hardware and software. (2) Understand basic knowledge of Markdown. (3) Can input letters by touch typing. (4) Understand how to use the Internet at school, and can act while keeping in mind the various rules in an information society.					
Rubric					
	Ideal Level		Standard Level		Unacceptable Level
Achievement 1	Can accurately explain the basic aspects of computer hardware and software.		Can explain the basic aspects of computer hardware and software.		Cannot explain the basic aspects of computer hardware and software.
Achievement 2	Can create complex documents using basic knowledge of Markdown.		Can create simple documents using basic knowledge of Markdown.		Cannot create simple documents using basic knowledge of Markdown.
Achievement 3	Can touch type at a sufficient speed.		Can touch type.		Cannot touch type.
Achievement 4	Can discuss with others about what they can do to make a better information society. Can think about problems that may arise in an information society, and handle them when they arise.		Can put the things they can do to make a better information society into action. Can communicate their ideas about problems that may arise in an information society, and how to handle them when they arise.		Do not understand what they can do to make a better information society. Do not understand problems that may arise in an information society, and how to handle them when they arise.
Assigned Department Objectives					
Teaching Method					
Outline	Students will learn about computer software and basic knowledge of software and hardware, and acquire basic computer usage skills.				
Style	Following the classroom lectures, students will have a lab.				
Notice	Labs will make up a large proportion of the class, so students will be required on their own to make an effort by using their breaktime, etc. to catch up on their work. Students are also expected to think and act by themselves. Students will be required to acquire touch typing skills. All assignments must be submitted. Students who miss 1/3 or more of classes will not be eligible for evaluation.				
Characteristics of Class / Division in Learning					
<input 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	Computer basics (Hardware)	Can explain an overview of a computer hardware configuration.	
		2nd	Computer basics (Hardware)	Can explain an overview of a computer hardware configuration.	
		3rd	Computer basics (Software)	Can explain the roles and types of operating systems, and explain features of key OSs.	
		4th	Computer basics (Software)	Can explain the types of application software.	
		5th	Using the network	Can use the e-learning system, etc. at school. Understand how to use the Internet at school, and can act while keeping in mind the various rules in an information society.	
		6th	Installation of Linux	Can explain how to start and shutdown of Linux operation system.	
		7th	Configuration of Linux	Can make some personalization of Linux desktop environment.	
		8th	Configuration of Linux	Can make some personalization of Linux desktop environment.	
	2nd Quarter	9th	Introduction to Markdown	Can explain the concept and idea of Markdown.	
		10th	Introduction to Markdown	Can explain Markdown key tags.	
		11th	Introduction to Markdown	Can create simple documents using Markdown.	
		12th	Introduction to Markdown	Can convert Markdown documents to various forms.	
		13th	Formulas	Can explain commands to create mathematical formulas, which is a LaTeX function.	
		14th	Formulas	Can create simple formulas using LaTeX functions.	

		15th	Formulas			Can create complicated formulas using LaTeX functions.	
		16th	Final exam				
Evaluation Method and Weight (%)							
	Examination	Presentation	Touch Typing	Behavior	Portfolio	Other	Total
Subtotal	70	20	10	0	0	0	100
Basic Proficiency	70	20	10	0	0	0	100
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0