principles of computers. Computers Co		Microcomputer		С	2024		Year	Akashi College				
Class Format Lecture Credits Academic Credit: 2								on	Informatio	Course		
Department Electrical and Computer Engineering Student Grade 2nd Term First Semester Classes per Week 2 2 2nd Extraor NoMURA Hayato NoMURA Hayato NoMURA Hayato NoMURA Hayato Course Objectives (2) Understand the configuration and operating principles of computers. (2) Understand the configuration and operating principles of computers. (2) Understand the configuration and operating principles of computers. (3) Can create a control program using assembler language and can perform basic programming. (3) Can create a control program using assembler and can principles of computers. (4) Understand the configuration and operating principles of computers. (4) Understand the configuration and operating principles of computer assembler language and can principles of computers. (4) Understand the configuration and operating principles of computers. (5) Understand the configuration and operating principles of computers. (5) Understand the configuration and operating principles of computers. (5) Understand the passics of assembler language and can perform basic programming. (5) Can create a control program using assembler language and can perform basic program using assembler language. (6) Assigned Department Objectives (7) Can create a control program using assembler language. (7) Can create a control program using assembler language will involve exercises using actual devices in addition to lectures. (7) Students will understand the basics of computer architecture and learn assembler programming tecles using microcomputers. (7) Students who miss L/J or more of classes will not be eligible for a passing grade. (7) Can create a control program using assembler language will involve exercises using actual devices in addition to lectures. (7) Students who miss L/J or more of classes will not be eligible for a passing grade. (7) Can explain how to do a radix conversion and the program basics of logical operation (7) Can explain he		d / Compulsory	Specialized	ry	Course Catego			6232	ode	Course Co		
Textbook and/or Teaching Materials Keitaro HORI, Illustrated PIC Microcomputer Practice 2nd Edition, Morikita Publishing Co., Ltd.		<u> </u>										
Textbook and/or teaching Materials Instructor NOMURA Hayato Course Objectives (1) Understand the configuration and operating principles of computers. (2) Understand the configuration and operating principles of computers. (3) Can create a control program using assembler language and can perform basic programming. (3) Can create a control program using assembler language and can perform basic programming. Rubric Ideal Level Standard Level Unacceptable Level Achievement 1 Fully understand the basics of assembler language and can perform basic programming principles of computers. Fully understand the basics of assembler language and can perform basic programming. Achievement 2 Fully understand the basics of assembler language and can perform basic programming. Achievement 3 Can create a control program using assembler language and can perform basic programming. Achievement 3 Can create an efficient control program using assembler language. Assigned Department Objectives Teaching Method Outline Students will understand the basics of computer architecture and learn assembler programming teclusing microemputers. Style The class will be taught by explaining basic matters in accordance with the textbook. Programming teclusing microemputers. This course's content will amount to 90 hours of study in total. These hours include the learning that assignment reports. Students will amount to 90 hours of study in total. These hours include the learning that assignment reports. Students who miss 1/3 or more of classes will not be eligible for a passing grade. Characteristics of Class / Division in Learning Active Learning Active Learning Theme Goals 1st Microcomputer basics Can explain how to do a radix conversions Can explain how to do a radix conversion assembler language and can perform basics of logical operation microcomputer. Sth Assembler programming exercise 1 (how to create a program using assembler language basics, flowchart basics. Can explain the behaviors of subroutines of the pr						gineering	ent	Departme				
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(2) Understand the basics of the assembler language. Rubric Ideal Level Standard Level Understand the configuration and operating principles of computers. Fully understand the basics of assembler language and can perform basic programming. Fully understand the basics of assembler language and can fully perform basic programming. Can create an efficient control program using assembler language and can fully perform basic programming. Achievement 3 Can create an efficient control program using assembler language and can aperform basic programming. Assigned Department Objectives Teaching Method Outline Students will understand the basics of computer architecture and learn assembler program using assembler language. Style The class will be taught by explaining basic matters in accordance with the textbook. Programming assembler language will involve exercises using actual devices in addition to lectures. This course's content will amount to 90 hours of study in total. These hours include the learning tim guaranteed in classes and the standard self-study time required for pre-study / review, and complet assignment reports. Style The class will be sught by explaining basic matters in accordance with the textbook. Programming assembler language will involve exercises using actual devices in addition to lectures. Notice This course's content will amount to 90 hours of study in total. These hours include the learning time quaranteed in classes and the standard self-study time required for pre-study / review, and complet assignment reports. Students who miss 1/3 or more of classes will not be eligible for a passing grade. Characteristics of Class / Division in Learning Goals Applicable to Remote Class Instructor Professic Experienced Instructor Professic								S	Objective:	Course		
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Basic Proficiency	10	0	0	0	0	10	20
Specialized Proficiency	40	0	0	0	0	40	80
Cross Area Proficiency	0	0	0	0	0	0	0