

# (Syllabus)

[1] (Basic Information)					
<u>(Course Information)</u>					
/	2021 / S		(Campus)		(Seoul Campus)
(Year/Semester)					
(Course No.)	41145	(Class No.)	01	(Credit)	3
(Course Title)	(1)(CALCULUS (1))	/	(Time/Room)	310 312 < > 1,2,3 / 1,2,3 / 1,2,3 / 1,2,3 / 1,2,3(310 312 < > MON1,2,3 / TUE1,2,3 / WED1,2,3 / THU1,2,3 / FRI1,2,3)	
(Course Classification)	(basic major course)	(Lecture Type)		(Lone-teaching course)	
(Course Type)	(Theoretical course)	(Medium of Instruction)			
(Accreditation)		(Accreditation of Engineering Education)		MSC(MSC)	
(College)	ICT (College of ICT Engineering)	( ) (Department)		ICT (School of Electrical and Electronics Engineering)	
e-class (Usage of e-class)	No				
<u>(Instructor Information)</u>					
(Name)	(Huh Hyungjin)	(Department)		(Department of Mathematics)	
(Office Phone No.)	02-820-5228	(Contact No.)		5228	
E-mail (E-mail)	huh@cau.ac.kr	(Department Phone No.)		5214	
가 (Office Hour)	10-11	(Office Location)		718	
(Course Web-site)					

[2] / (Learning Objectives/Outcomes)					
<u>(Course Description)</u>					
<div> <div></div> <div>가</div> <div></div> <div>가</div> <div></div> </div>					
<u>(Prerequisites and Co-requisites)</u>					
<u>(Learning Objectives)</u>					
<div> <div></div> <div>가</div> <div></div> <div>가</div> <div></div> </div>					
<u>(Learning Outcomes)</u>					
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[3] (Course Methods)					
<u>(Teaching and Learning Methods)</u>					
(Teaching and Learning Methods)		가 (Additional Description)			
(Lecture)					
<u>(Assignments)</u>					
(Assignments)	(No.)	( , , )(Assignments Description)			
(Practice)	2				
<u>(Textbooks, Reading, and other Materials)</u>					
(Textbook/Reference)	(Title)	(Author)	/ (Year of Publication/etc)	/ (Publisher/Name of Journal)	/ (No. of Edition)
(Main Textbook)	Calculus, metric version, 8E, Early Transcendentals	James Stewart			8E
[4] 가 (Student Assessment)					
가 (Assessment Item)	가 (%) (Assessment Ratio)	가 (Additional Description)			
(Mid-term Exam)	40				

가 (Assessment Item)		가 (%) (Assessment Ratio)	가 (Additional Description)	
(Final Exam)		40		
(Assignment)		10		
(Attendance)		10		
[5] (Course Schedule)				
(Week)	(Instructor)	(Topic & Content)	(Student Assignment)	가 (Additional Description & Instructor Assignment)
1		derivatives of several functions		100
2		chain rule, implicate differentiation		100
3		linear approximations		100
4		maximum and minimum, mean value theorem		100
5		areas and distances		100
6		integral, fundamental theorem of calculus		100
7		volume, work		100
8		Mid-term exam		
9		integration		100
10		integration of several functions		100
11		arc length, application to engineering		100
12		Directional fields an Euler's method		100
13		calculus with parametric curves		100
14		sequences, series		100
15		alternating series, Taylor series		100
16		Final exam		
[6] (Guide to Learning)				
(Previous Exam Samples)				

< 가 >(<Download Additional Sample>)
가 .
(Engineering Education)
(Learning Outcomes)

_____ (Title)
(1):
_____ (Objective)
(1):
_____ (Restrictions)
_____ 가 _____ (Assessment Method)

71 【 】

6 47 【 】

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( In pursuant to the Article 71 ‘Discipline ’of the Chung-Ang University Regulations, and Article 47 ‘Punishment for Cheating during Examination ’under Chapter 6 of the Academic Affairs Management Rules, any student caught engaging in academic misconduct during an exam will be subject to disciplinary action.)

1. : , , , 가

2. : , 가

3. / : 가 , 가

4. , : 02-820-6577~9( ), 031-670-4816( ) (cauable)

In this class, students with disabilities are eligible for reasonable accommodations depending on the type and severity of disability. If you wish to receive accommodations listed below, please contact the Support Center for Students with Disabilities.

1. Visual Impairment: Braille, large print, electronic class materials, volunteer note-taker, adjustments in assessment practices, etc.

2. Hearing Impairment: Volunteer note-taker, stenographer, adjustments in assessment practices, etc.

3. Physical Disabilities/Brain Lesions: Classrooms with wheelchair access, volunteer note-taker, adjustments in assessment practices, etc.

4. Accommodations for students with other psychiatric disabilities or health impairments can be arranged through the Support Center for Students with Disabilities after consultation.

Inquiry: 02-820-6577~9 (Seoul Campus), 031-670-4816 (Anseong Campus)

- KakaoTalk Plus Friend ID: @cauable