

# (Syllabus)

| [1] (Basic Information)         |                                  |  |  |
|---------------------------------|----------------------------------|--|--|
| <u>(Course Information)</u>     |                                  |  |  |
| / (Year/Semester)               | 2022 / 2                         | (Campus)                                 |  |
|                                 |                                  | (Seoul Campus)                           |  |
| (Course No.)                    | 41146                            | (Class No.)                              | 01   |
|                                 |                                  | (Credit)                                 | 3  |
| (Course Title)                  | (2)(CALCULUS (2))                | / (Time/Room)                            | 207 ( ) 234 < > 4 / 3,4(College of engineering1 234 < > MON4 / WED3,4) |
| (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)      | Yes                              |  |  |
| <u>(Instructor Information)</u> |                                  |  |  |
| (Name)                          | (chun sangmin)                   | (Department)                             | (College of General Education)   |
| (Office Phone No.)              |                                  | (Contact No.)                            |  |
| E-mail (E-mail)                 |                                  | (Department Phone No.)                   |  |
| 가 (Office Hour)                 |                                  | (Office Location)                        |  |
| (Course Web-site)               |                                  |  |  |

|   |                            |
|---|----------------------------|
| [2] / (Learning Objectives/Outcomes)  |                            |
| <u>(Course Description)</u>   |                            |
| 1 2 , 3   |                            |
| <u>(Prerequisites and Co-requisites)</u>  |                            |
| 1   |                            |
| <u>(Learning Objectives)</u>  |                            |
| 1. Vector 2,3 : (partial derivative), Gradient, Divergence, Curl                            |                            |
| 2. (Surface integral) : (multiple integral), (line integral),                               |                            |
| <u>(Learning Outcomes)</u>  |                            |
| 1.  |                            |
| 2. (Fundamental Theorem of Calculus) 2,3 (Green Theorem, Stoke Theorem, Divergence Theorem) |                            |
| [3] (Course Methods)  |                            |
| <u>(Teaching and Learning Methods)</u>  |                            |
| (Teaching and Learning Methods)   | 가 (Additional Description) |
| (Lecture)   |                            |
| <u>(Assignments)</u>  |                            |

| <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<br>Early Transcendentals | James Stewart | 2012                        | BROOK/COLE                    |                    |
| [4] 가 (Student Assessment)                       |   |               |                             |                               |                    |

| 가 (Assessment Item)        | 가 (%) (Assessment Ratio) | 가 (Additional Description) |
|----------------------------|--------------------------|----------------------------|
| (Attendance)               | 5                        |                            |
| / (Participation/Attitude) | 5                        |                            |
| (Mid-term Exam)            | 40                       |                            |
| (Final Exam)               | 50                       |                            |
| (Quiz)                     | 0                        |                            |

[5] (Course Schedule)

| (Week) | (Instructor) | (Topic & Content)   | (Student Assignment) | 가 (Additional Description & Instructor Assignment) |
|--------|--------------|---------------------|----------------------|--|
| 1      |              | 12.1,2,3            |                      |  |
| 2      |              | 12.4,5,6            |                      |  |
| 3      |              | 13.1,2,3            |                      |  |
| 4      |              | 13.4, quiz #1, 14.1 |                      |  |
| 5      |              | 14.2, 3,4           |                      |  |
| 6      |              | 14.5,6,7            |                      |  |
| 7      |              | 14.8 and review     |                      |  |
| 8      |              | Midterm             |                      |  |
| 9      |              | 15.1,2              |                      |  |
| 10     |              | 15.3,4,5            |                      |  |
| 11     |              | 15.6,7,8            |                      |  |
| 12     |              | 15.9, Quiz 2        |                      |  |
| 13     |              | 16.1,2,3,           |                      |  |
| 14     |              | 16.4,5,6            |                      |  |
| 15     |              | 16.7,8,9            |                      |  |
| 16     |              | final exam          |                      |  |

[6] (Guide to Learning)

(Previous Exam Samples)

< 가 >(<Download Additional Sample>)

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(Engineering Education)

(Learning Outcomes)

: 70 : 30

\_\_\_\_\_ (Title)

\_\_\_\_\_ (Objective)

\_\_\_\_\_ (Restrictions)

\_\_\_\_\_ 가 (Assessment Method)

71 【 】 6 47 【 】

【 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