

Knowledge and education in the era of AI convergence
Course Outline for the 2-week session with Dr. Park
Course 0931019 Sections 01 and 02, Spring 2023
Thursdays 15:00 - 17:50, Room: E1-2 #331 (Section 01) E1-1 #148 (Section 02)
Chungbuk National University

This document prevails whenever interpretations of the course syllabus (the version in 개신누리) and that of this document conflict. This document contains terms and conditions on how this class will be administered during those weeks that the instructor giving lectures.

Instructor: Dr. Byungdo Park

Responsible instructors: Prof. S. Choi (Section 01), Prof. H. Yoon (Section 02)

Email: byungdo@chungbuk.ac.kr **Office hours:** Tuesdays 18:00–18:50 at E1-1 #110.

Textbook: 최승현 외, 뉴미디어 시대의 지식과 교육 1st Edition (2022), 박영스토리,
ISBN-13: 9791165192730

Details on class proceeding: Each week, the instructor will give a lecture for about 100 minutes. After that, you will be given about 50 minutes for writing an in-class essay.

Grading policies: The instructor will read your essays and assign the following letter grades. The instructor will report your average %-score to the responsible instructor for your section.

- A (100 points): If your essay is of a high quality addressing all questions properly in connection to the lecture of that day.
- B (85 points): If your essay is of a moderate quality, only partially addressing the questions, or the understanding of the main point from the lecture is not very clear.
- C (70 points): An essay is written but it is of a poor quality or it does not show at all a connection to the main point of the lecture.
- F (0 points): Absent or not submitted.

Classroom attitude policies: The instructor may assign the grade F for your essay score against any of your attitude which the instructor views it inappropriate. Inappropriate attitudes are (i) anything you do in the classroom that disturbs and/or distracts the instructor or other students or (ii) disturbing and/or distracting the instructor from administering this class. If you violate, you will be notified in-person or by email and it gets confirmed if you do not dispute in a written form in 7 days.

Attendance policies: (1) Attendance data will be collected in all class meetings and will be notified to the responsible instructor. Any dispute about in-class attendance records must be made before the instructor physically leaves the classroom after that day's class meeting.

(2) If you have permissible reasons for your absence, you must handle it with the responsible instructor of your section. Notice that if you want to write a make-up essay for your score, you must follow the following guideline:

<https://byungdo.github.io/teaching/makeup.pdf>

ID card policies: During your essay writing, you must present a valid ID: (i) Government ID (ii) Student ID card (iii) A printed paper sheet of screenshot of your mobile student ID including your name, student ID, and your photo. If you don't have a valid ID listed here, you will be asked to leave the classroom and your essay score will be zero.

Lesson plan:

1st Week: **How can we do math well?** We shall have a detailed look on how we can do mathematics well in middle and high school level. Notice that this question is easily generalized to other academic subjects or learning new skills.

2nd Week: **What I talk about when I talk about love.** Everyone learns mathematics in school but no one really knows what mathematicians do and why. In this lecture we shall look into a process that a professional mathematician is made. If the gist of the lecture talking about love is too difficult for you, at minimum, you are expected to learn what to say to high school students who are considering math major in undergraduate.

Dispute policies: You may set up an appointment with the instructor to get information about the raw data (such as your exam scores, attendance data, etc) which will consist of your score. If you do not set up an appointment and do not dispute about the raw data, the instructor will have to assume that you give up your right to dispute. The last day for dispute is June 13th, 2022. After this date, the instructor will only look into whether there is any error in reporting your score to the responsible instructor and will dismiss all inquiries on the raw data.

Academic integrity: It is expected that you will complete all exams without giving or receiving help from anyone. The essay writing is under closed-book and closed-notes. Electronic devices are not allowed. If you violate any of these policies, you receive F to that essay at the discretion of the instructor. In addition, your case will be handled through the standard procedure of the university.

Email policies: All emails addressed to the instructor should have a title containing the course title, name, and a brief summary as well as a body starting with "Dear Professor Last name" and ending with "Sincerely, Your full name", which contains greetings, your name and department, a brief and clear purpose written politely. Any email deviating from this format will not be accepted and will be dismissed without any rejection reply. The corresponding disadvantages are solely and entirely on the student.

이메일 작성규칙: 담당교수에게 보내지는 모든 이메일의 제목에는 과목명, 신원, 요지가 포함되어 있어야 하며, 본문은 반드시 "OOO 교수님께"로 시작하여 인사, 신원, 용건을 간단 명료하고 예의 바르게 기술한 후 "OOO 올림" 또는 "OOO 드림"으로 끝나야 합니다. 이 형식에 어긋난 이메일은 접수하지 않으며, 반려회신 없이 종결합니다. 이에 따른 불이익은 전적으로 학생의 단독 책임입니다.