

**Special Research Project I**  
**Course Outline**  
**Course 9114209 Section 02, Spring 2024**  
**Tuesdays 18:00 - 18:50, Room: E1-1 #116**  
**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 throughout the semester. Registering for this class means you agree on plans, policies, and details in this document. You MUST drop this course if you disagree with any item listed in this document.*

**Instructor:** Dr. Byungdo Park

**Email:** byungdo@chungbuk.ac.kr

**Office hours:** By appointment.

**Class webpage:** Announcements, homework, exam schedules and other relevant information will be posted on the following webpage: [https://byungdo.github.io/teaching/s2024\\_srp1.html](https://byungdo.github.io/teaching/s2024_srp1.html) which is also accessible via instructor's webpage: <https://byungdo.github.io/>

**Textbook:**

- Research papers and monographs relevant to the topic of students' special research project.

**References:**

- Hans Freudenthal, *Mathematics as an Educational Task*, 1st Edition (1973), D. Reidel Publishing Company, ISBN-13: 9789027703224.
- 우정호, *학교수학의 교육적 기초 - 중, 개정판*(2017), 서울대학교출판문화원, ISBN-13: 9788952118813
- John Stillwell, *Mathematics and Its History* (Undergraduate Texts in Mathematics), 3rd edition (2010), Springer-Verlag Berlin, ISBN-13: 9781441960528
- E. T. Bell, *Men of Mathematics*, reprint edition (2008), Touchstone, ISBN-13: 9781416597612

**Prerequisites:** None.

**Course description:** This is the first-half of an year-long research supervision course for those who wants to write a "Special Research Report" following 「충북대학교 교육대학원 시행세칙」제22조의2(특별연구보고서 작성 및 제출). This course assists students not only to ask appropriate research questions, to shape a logic of the report, to learn how to extract, analyze, and use ideas from research articles, but also to maintain a steady pace to accomplish research projects.

**Course objectives:** At the end of the course students should be able to:

- Enrich understandings on the main topic and related areas.
- Make progress in writing Special Research Report.

**Details on class proceeding:** Each session consists of the following items:

- Student's progress report.
- Discussions about the topic and sharing comments and suggestions.
- Setting up an agenda for the next week.

**Grading policies:** 100% from the discussion log. You will get score 1 if you have submitted the discussion log in time and 0 if you did not submit or did not submit it in time. Your final grade will be determined by the %-score: the number of discussion log submitted in time divided by 15 and you will get [A: 100–90%, B: 89.99–80%, C: 79.99–70%, D: 69.99–60%, F: less than 60%].

**Homework policies:** Students must submit the discussion log every week (See the attached form). The due date of each discussion log is the Saturday of the week that the class was held. Discussion logs must be submitted by email to the instructor's email address in the first page of this document.

**Attendance policies:** (1) Attendance data will be collected in every class meeting and will be used for determining your final grade. You will get a grade F if you have missed more than 25% of class meeting hours.

(2) If you have permissible reasons for your absence in accordance with the Regulation on Academic Management of the CBNU Article 52(1) (충북대학교 학사운영규정 제52조(공결승인) 제1항), you will need to contact your department secretary to follow the procedure for getting an approval on your absence bringing proper documentation as proof. That said, you have to fill out a form and submit it along with appropriate proofs before the absence or after seven days of the date of absence.

(3) In this course, you are deemed to have attended the class meeting only if you have submitted the discussion log within the due date.

**Assessment of learning:** The assessment will be primarily done by the abovementioned grading policy. Nonetheless, the instructor will also take into account students' devotions and efforts for this course so that those qualitative elements are not going to be neglected.

**Important dates:**

- Thursday June 6th – Memorial day. Make-up date: TBA

**Weekly lesson plan:**

- Week 1: Discussions on research topic.
- Week 2: Discussions on research topic.
- Week 3: Discussions on research topic.

Week 4: Discussions on research topic.

Week 5: Discussions on research topic.

Week 6: Discussions on research topic.

Week 7: Discussions on research topic.

Week 8: Discussions on research topic.

Week 9: Discussions on research topic.

Week 10: Discussions on research topic.

Week 11: Discussions on research topic.

Week 12: Discussions on research topic.

Week 13: Discussions on research topic.

Week 14: Discussions on research topic.

Week 15: Discussions on research topic.

**Dispute policies:** Since the grading policies makes it obvious how your final grades are determined, any questions about final grades will be received during the university's dispute period.

**Accommodating disabilities in learning and assessment:** The instructor is committed to providing access to all students. If you need accommodation in classroom or in assessment, you are encouraged to set up an appointment with the instructor at your soonest availability so that we can figure out the best way to accommodate you. Possible accommodations include, but not limited to, provision of materials from lectures, permission to hire an assistant for taking notes, audio-recording lectures, and aid/assistant devices, extension of due dates for assignments, alternative assessment for in-class presentations, extension of exam hours, and provision of an accommodating exam locations and exam sheets.

**Academic integrity:** Not applicable.