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| Year | Second semester 2025 |
| Course | Physics Laboratory III |
| Day/Period | Mon.3Period,Mon.4Period,Tue.3Period,Tue.4Period |
| Credit(s) | 4Credits |
| Instructor | MASASHI KANETA |
| Eligible Participants | 3rd grade and above |
| Course code/number | SPH-PHY301J |
| Main Subjects | ○ |
| Course of Media Class | |
| Practical business | |
| Language Used in Course | Japanese |
| Course Title | Physics Laboratory III |
| Purpose/Abstract | Based on basic knowledge of physics, students experience introductory experiments of leading researches and deepen understanding of importance of experiments in modern physics. |
| Goal | (1) Experience introductory research and understanding way of research (2) Experience discussion for understanding physical phenomena through deep insight of results (3) Learning that experiment consists of comprehensive knowledge and technique |
| Contents and progress schedule of the class | Students are required to perform three subjects opened in Experimental Nuclear and Particle Physics Group and Condensed Matter Experiment Groups I and II. An explanation of each course will be given at the beginning of each session, and the choice of experiments in each course will be based on the handouts. |
| Grading | Grades will be based on attendance, reports, and presentations. |
| Books required/referenced | Textbooks and materials will be distributed for each assignment. |
| Contents of preparation and review | Self-study from a wide range of perspectives on the contents of the experiment. Prepare reports and oral presentations as instructed. |
| Study time for preparation and review | Standard Hours for Preparation/Review per class: *Lectures 4 hour *Seminar 2-4 hour *Experiment, Laboratory Work, and Skill Test 2 hours |
| How to contact and Google Classroom Code | The contact method will be instructed by each assignment manager. |
| Remarks | Class opened for JYPE has different schedule. Students of JYPE should contact Associate Professor M. Kaneta (kaneta@tohoku.ac.jp) for entry to the class by Oct. 1. |
| Last Update | 2024/03/05 19:40:07 |

One-credit courses require 45 hours of study. In lecture and exercise-based classes, one credit consists of 15-30 hours of class time and 30-15 hours of preparation and review outside of class. In laboratory, practical skill classes, one credit consists of 30-45 hours of class time and 15-0 hours of preparation and review outside of class.