

HPC Seminar

Syllabus Number 2E114

Helicopter Pilot Course
Elective 1 credit

IMAI, Michio

1. Course Description

In this course, student pilots are taught about the basic attitudes needed to be a pilot. Students are assigned to the flight training in Shimotsuma heliport for the smooth training introduction by giving the necessary prior knowledge and information.

2. Course Objectives

As aspiring helicopter pilot in a same class, student pilots aim to unite and share the same pilot spirit.

3. Grading Policy

Your final grade will be calculated according to the following

:Learning level of Phonetic Code(20%)

:term-end report(80%)

4. Textbook and Reference

Textbook

Text Book :Lecture materials will be provided from LMS

Reference

「AIM-J」(Aeronautical Information Manual Japan) JAPA (ISBN978-4-931160-6)

5. Requirements(Assignments)

Please have a preparation of the assigned pages in notebooks(1 hour)

Review and organize the knowledge in notebooks(2 hour)

6. Note

7. Schedule

- [1] The history of the helicopter
- [2] Airmanship required for Pilot
- [3] The mind of Pilot trainee
- [4] Training outline at Shimotsuma heliport and Training schedule
- [5] Basic aeronautical terms
- [6] Basic rules for radio communication
- [7] Principles of Flight
- [8] Reading exercises of the phonetic code
- [9] Reading and hearing exercises of the phonetic code
- [10] Basic knowledge of aviation : Aviation weather, Aeronautical information, Aeronautical law
- [11] Basics of air navigation and How to use Air Navigation Computer
- [12] General of RobinsonR22
- [13] The Systems of Robinson R22
- [14] Flight preparation of pilot-in-command
- [15] Rerview