

Aviation Regulation 2

Syllabus Number

2E215

Special Subjects

Elective 2 credit

KURAMASU, Kazuharu

1. Course Description

Students will learn the necessary know-how of the operation of a radio station and the safe operation of an aircraft. In addition, students will gain a better understanding of the Radio Law by learning the radio engineering basics.

2. Course Objectives

Students will develop an understanding of the "operation of aircraft" Civil Aeronautical Law in Chapter VI. And then they will prepare for the written test of Aeronautical Radio Operator by learning the basics of radio engineering and Radio Law.

3. Grading Policy

Your final grade will be calculated according to the following

:Quizzes(20%)

:Final examination(80%)

The answer of quiz will be explained

4. Textbook and Reference

Textbook

「Civil Aeronautical Law(kohkuho)」

Hohbunshupanhanbai (ISBN978-4-89279-545-9)

「Aeronautical Radio Operator— Radio Law」 Johhotsushinshinkoukai(ISBN978-4-8076-771-6)

5. Requirements(Assignments)

Please have a preparation of the assigned pages in notebooks(1.5 hour)

Review and organize the knowledge in notebooks(1.5 hour)

6. Note

Quizzes will be held as needed

7. Schedule

- [1] Flight operation(1):Civil Aeronautical Law (Article 57~64)
- [2] Flight operation(2):Civil Aeronautical Law (Article 65~78)
- [3] Flight operation(3):Civil Aeronautical Law (Article 79~92)
- [4] Flight operation(4):Civil Aeronautical Law (Article 93~99)
- [5] Flight operation(5):Flight Plan
- [6] Review Flight operation
- [7] General of Radio Law & Radio Operator
- [8] Operation of a radio station(1): Air communication
- [9] Operation of a radio station(2): Communication procedure
- [10] Operation of a radio station(3):Communication of emergency
- [11] Operation of a radio station(4): Documents
- [12] Radio equipments(1) General Navigation System
- [13] Radio equipments(2) General Radar System
- [14] Aviation safety & Human Error
- [15] Final examination & Review