

# Syllabus

## 1. Course Title, style, and credit:

Cognitive Science (x)lecture, ( ) Discussions ( )practice], 2 credit

## 2. Appropriate grade level and Eligible Departments:

(x)1, (x)2, (x)3, ( )4, ( )5: ( )School of Cultural Sciences, ( ) All Departments, ( ) Other

## 3. Lecturer(s): Hitoshi Ohnishi

Contacts to the lecturer (e-mail address, Tel and Fax numbers, and the office):

ohnishi@nime.ac.jp, NIME R&D Building 4F 404.

## 4. Time:

Time is coordinated with students and decided.

## 5. Place:

NIME R&D Building 8F, Students Room

## 6. Prerequisites and Styles

Students' research subjects should have some relations to cognition.

## 7. Contents:

Cognitive science is the scientific study of intelligent system including human, animals, and machine from the view point of information processing. In this class cognitive approach to intelligence and cognitive models are introduced. Then we discuss students' studies from the view point of cognitive science.

## 8. Course objectives:

1. Students should understand cognitive approaches to intelligence and intelligent systems and cognitive models.
2. Students are required to discuss their own and related studies from the view point of cognitive science. It is desirable that the discussion is based on cognitive models.

## 9. Schedule:

1. Introduction
2. Summary of cognitive science
3. Presentation of students' studies and discussion
4. Cognitive models
5. Discussion about related studies
6. Final presentation of students' studies

## 10. Lecture materials and readings

Readings shall be specified in the class.

**11. Grades:**

The grades will be either “passed” or “failed”, which is determined by the quality of discussion in every class time.

**12. Notes**

None.