SILS: Brain and Cognition

開講年度 学期: 2016年度 秋学期
科目名: Brain and Cognition, Thursday 5th period room 819 building 11
担当教員: Ray (LC) Luo
科目区分: 中級科目
配当年次: 1年以上 単位数: 2

授業概要:
This is a course about ways in which we try to understand ourselves, our peers, and our society. We will address these questions using perspectives from psychology, neuroscience, sociology, computation, media studies, history, and self reflection in a global, socially relevant context.
No previous knowledge is required. We will use movies and audio recordings.

授業の到達目標 (Objectives):
We will see how to overcome obstacles to thinking and to communication with others. After the course, everyone will be expected to come to their own perspectives about important questions in society. This course will be enriched with audio-video materials for engagement with topics covered.

授業計画:
Subject to changes adaptable to our interactions in the class.
09-29 P01. Brain and cognition: why it’s not all about brain, nor cognition.
10-06 P02. Philosophy: a quest for certainty, and self affirmation.
10-13 P03. Language: a medium for communication, or self expression.
10-20 P04. Sensory systems: creating our own illusions.
10-27 P05. Motor systems: planning, execution, and feedback.
11-10 P06. (Implicit) Memory: consolidation, editing of selective information.
11-17 P07. Attention and perception: the how in why should I care.
12-01 P09. Evolution: from animal behavior to social interaction.
01-19 P13. Neurodesign: from vision to (unobstructed) reality.
02-02 P15. Examination: an opportunity for consolidation.

参考文献
Recommendations will be given during the course.

成績評価方法
試験: 80% Exam and one-page mini-report
         20% Attendance

備考・関連 URL
Addressing how to know what we don’t know about ourselves.