

Joint International Program in Psychology (JIPP), Faculty of Psychology, Chulalongkorn University

Course 3807210 Psychophysiology: Method and application (3 Credits)

Second Semester Academic Year 2011

Course schedule and Topics

Tuesday 9.00 – 12.00 AM

Room 813, 8th Floor, Chulapattana Building, Chulalongkorn University, Patumwan,
Bangkok

Instructor- Lecturer: Associate Professor Dr. Naiphinich Kotchabhakdi Ph.D.

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Week #	Date	Topic	Lecturer
1.	10 Jan 2012	Psychophysiological Sciences: (13 Jan 2012) Interdisciplinary Approaches to Mind-Brain-Behaviour	Dr. Naiphinich
2.	17 Jan 2012	Foundation of Psychophysiology: The Human Nervous System	Dr. Naiphinich
3.	24 Jan 2012	Neuroimaging: Structure and Function of the Human Nervous System and Neuro-navigation	Dr. Naiphinich
4.	31 Jan 2012	Electroencephalography (EEG): Methods and Applications	Dr. Naiphinich
5.	7 Feb 2012	Evoke and Event-Related Brain Potentials: Methods and Applications	Dr. Naiphinich
6.	14 Feb 2012	Transcranial Magnetic Stimulation (TMS) Methods and Application in Psychophysiology The Skeletal Motor System, Movements and Electromyography (EMG)	Dr. Naiphinich
7.	21 Feb 2012	Autonomic Nervous System, Electrodermal and Polygraphic Recording and Psychophysiological Responses	Dr. Naiphinich
8.	28 Feb 2012	Mid-Course Examination	
9.	6 Mar 2012	Cellular Responses and Psycho-neuro-endocrinology Psychophysiological Responses to Stresses	Dr. Naiphinich
10.	13 Mar 2012	Psycho-neuro-immunology: Psychophysiology of the Immune System and Host-defense Mechanisms	Dr. Naiphinich

11. 20 Mar 2012 Behavioral Genetic and Developmental Psychophysiology Dr. Naiphinich
12. 27 Mar 2012 Emotion, Affection and Social Behaviour Dr. Naiphinich
13. 3 April 2012 Psychophysiology of Detection and Deception Dr. Naiphinich
Polygraphy and other new Lie Detectors
14. 10 April 2012 Psychophysiology of Sleep and Dream Dr. Naiphinich
Laboratory study of Sleep and Dream
15. 17 April 2012 Stresses and Illnesses, Diseases, Health and Well-being Dr. Naiphinich
16. 24 April 2012 Psychophysiology Contributions and Applications Dr. Naiphinich
To Research and Development
17. 30 April 2012 **Final Examination**