

Course Syllabus: Early Childhood Intervention

School and Graduate Institute of Physical Therapy

National Taiwan University

Course Number: 428 M2050

Course Name: Early Childhood Intervention

Course Credit: 2

Instructors: Hua-Fang Liao Associate Professor, Su-Fang Jeng Professor,

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Office: Room 317, 3rd floor, School of Physical Therapy, Public Health Building

Class Level: : Master students have basic concept of child development

Prerequisite: none

Class room: Room 351 (大討論室), 3rd floor, School of Physical Therapy, Public Health Building

Class time: W4 13:20 – 17:20 (every two weeks)

Teaching assistant:??

Course Description:

This course starts from the introductory lectures for theory, concept and evidence-based practices of early childhood intervention. Then some advance classes for assessment, and outcome evaluation for children with developmental delay. The students will complete a systematic review report for the effectiveness of an early intervention program.

General Course Objectives:

1. Be able to understand the concepts and content of early intervention
2. Be able to understand the status of early intervention in Taiwan
3. Be able to choose the appropriate tests related to early intervention
4. Be able to understand the knowledge of ICF-CY, Client Management model, physical activity, cost-effectiveness analysis, postural control deficits, assessment and intervention for high risk infants
5. Be able to integrate the knowledge, to find and summarize the evidence of early childhood intervention programs

Content

No	Date	Instructor	Topics
1	9/16	Liao HF	Introduction to early childhood intervention
2	9/16	Liao HF	Introduction to laws and conditions related to early childhood intervention in Taiwan
3	9/30	Liao HF	Introduction to ICF-CY
4	9/30	Liao HF	EBP & Client Management Model in childhood early intervention
5	10/14	Liao HF	Reading and discussion (1)
6	10/14	Liao HF	Introduction to EI program curriculum
7	10/28	Liao HF	Reading and Discussion (2)
8	10/28	劉影梅	Physical activity measurement and intervention for children
9	11/11	Chen LC	Intervention for children with postural control deficits
10	11/11	Liao HF	Applications of assessments related to early intervention program (for any components of the ICF-CY)
11	11/25	Liao HF	Outcome measures for EI
12	11/25	Jeng SF	Neuromotor assessment and physical therapy intervention for neonate with high risk
13	12/9	Liao HF	Reading and Discussion (3)
14	12/9	楊銘欽	Cost-effectiveness analysis for early childhood intervention
15	12/23	Liao HF	Reading and Discussion (4)
16	12/23	Liao HF	Effectiveness of early intervention for children with motor delays or disabilities
17	1/6	Liao HF	Final oral reports (focus on a systematic review for effectiveness of early intervention programs)
18	1/13	Liao HF	Final written reports

Guest Lecturers:

楊銘欽 台大公共衛生管理所 02-33668067

劉影梅 陽明大學護理學系 02-28746925

鄭素芳 台大物理治療學系暨研究所 02-33668132

陳麗秋 台大物理治療學系暨研究所 02-33668135

References :

1. Shonkoff JP, Meisels SJ. (eds) Handbook of Early Childhood Intervention. Cambridge, Cambridge University Press, 2000.
2. Campbell SL. Vander Linden DW, Palisano RJ (eds) 3rd ed. Physical Therapy for Children. 2006. Philadelphia, PA: WB Saunders Company.
3. Liao HF: Pediatric Physical Therapy – Health Promotion, Habilitation, and Rehabilitation 。 2nd ed., Taipei: He-Feng Book Comp., 2006 。
4. Liao HF (translation) : Early Intervention Services for Infants, Toddlers, and Their Families. Taipei: He-Feng Book Comp., 2005年 。
5. Wilhelm IJ. Physical Therapy Assessment in Early Infancy. Clinics in Physical Therapy. New York: Churchill Livingstone. 1993.
6. Network of special education, Ministry of Education, ROC <http://www.set.edu.tw/top.asp>.