

National Taiwan University
School and Graduate Institute of Physical Therapy

Course Title: Pedagogy and Curriculum Design in Physical Therapy
Course number: 428 D0420 (2 Credits)

Time: W3 13:20-15:10

Instructors: Ying-Tai Wu PhD, PT, TEL: 33668129
Ming-Hsia Hu PhD, PT, TEL: 33668137

Invited speaker: 國立政治大學教學中心組長、資訊管理學系李昌雄副教授

Course Description:

This course is especially designed for physical therapists who are interested in teaching. The contents of this course include the preparation and techniques used in academic and clinical teaching for students, patient/family, and clinical staff who work in the hospitals and clinics. The preparation and techniques refer to analysis, designing, development, implementation, evaluation in different teaching environments, and the related administrative work. In addition, it compares physical therapy education between the United States and that in Taiwan.

Course Objectives:

At the end of the course, each student should be able to:

1. Identify and prioritize educational needs of audience and self.
2. Design, conduct, evaluate, and modify educational programs based on audience needs.
3. Provide education for a variety of audiences such as patients, family, other care givers, clinical educators, community, policy makers, payers, and peers
4. Engage in self-directed learning activities.
5. Recognize role as educator including capabilities and limitations.
6. State the role and responsibilities of a physical therapy educator versus a physical therapy administrator in a higher education institution.
7. State the history of and trends in physical therapy professional education.
8. State the history and trends of physical therapy post-professional education.
9. Compare various levels of physical therapy professional education programs.
10. Compare physical therapy in the United States with those in Taiwan.

Course Grade: In class discussion: 30%

In class presentation: 20%

Final report: 50% (請每人自訂一個題目，可找吳老師或胡老師約時間討論)

Date	Topics (Instructor)
1. 2/22	Course introduction; Curriculum design for academic teaching (Dr. Wu)
2. 3/7	Preparation and techniques for academic teaching I; (Dr. Wu)
3. 3/14	Preparation and techniques for clinical teaching I (Dr. Wu)
4. 3/21	Preparation and techniques for clinical teaching II: PT residents or staff (Dr. Wu)
5. 3/28	Role of a physical therapy educator (Dr. Wu) Writing across the curriculum; Developing a teaching portfolio
6. 4/4	溫書假
7. 4/11	Health care teaching; How people learn; Identifying educational needs; The lesson plan; Quality of effective teachers (Dr. Hu)
8,9 4/12	(8:10~12:10) Constructivist approach to e-learning: theory and practice (Dr. Lee) Technology in support of teaching and learning (Dr. Lee)
10. 4/25	Clinical education: clinical supervision and related legal issues (Dr. Hu)
11. 5/2	Clinical education: student performance evaluation (Dr. Hu)
12. 5/9	Patient education: teaching for psychomotor skills (Dr. Hu)
13. 5/16	Patient education: compliance and patient centered goals (Dr. Hu)
14. 5/23	Designing a physical therapy professional and post-professional education curriculum (Dr. Hu)
15. 5/30	Program evaluation (Dr. Wu) PT education in the USA
16. 6/6	Physical therapy administrator in higher education Mentoring new faculty (Dr. Wu)
17. 6/13	Presentation and discussion on the topics of final report and Final report due (Dr. Wu, Dr. Hu)
18. 6/20	Final report due

References:

1. *Shepard K.F. & Jensen G.M. (2002). *Handbook of teaching for physical therapists*. 2nd edition, Butterworth & Heinemann.
2. Plack MM, Driscoll M. *Teaching and Learning in Physical Therapy: From Classroom to Clinic*. Slack: NJ, 2011.
3. *Guide to Physical Therapist Practice*. 2nd Edition, American Physical Therapy Association, 2003.
4. Swisher LL, Page CG (eds): The physical therapist as educator. In Professionalism in Physical Therapy: History, Practice & Development. 2005: 129-148. St. Louis, Missouri: Elsevier Saunders.
5. Bain K (2004). What makes great teachers great? The Chronicle of Higher Education, accessed on 10/19/2005 at <http://chronicle.com/weekly/v50/i31/31b00701.htm>
6. Commission on Accreditation in Physical Therapy Education (CAPTE) Accreditation Handbook. Accessed on 01/03/2006 at http://www.apta.org/AM/Template.cfm?Section=General_Information&TEMPLATE=/CM/ContentDisplay.cfm&CONTENTID=27139
7. Clinical supervision: information paper by the Chartered Society of Physiotherapy, 2000.
8. Center for Teaching and Learning Development, NTU <http://ctld.ntu.edu.tw/> (Lots of information !)

Recommended Textbooks and Readings:

1. Boyer E.L. (1990). *Scholarship reconsidered: Priorities of the professoriate*. The Carnegie Foundation for the Advancement of Teaching.
2. Bain K. 傅士哲譯. What the Best College Teachers Do. (如何訂做一個好老師). 台北: 大塊文化.2005.
3. Other readings will be assigned in class.

[線上學習]

Ron Oliver & Jan Herrington, Teaching and Learning Online: A Beginner's Guide to E-learning and E-teaching in Higher Education, 2001. (免費線上英文完整版)

[學習理論]

Bransford, J.D. et al., How People Learn: Brain, Mind, Experience, and School, National Academy Press, 2000. (免費線上英文完整版) (中譯本: 鄭谷苑、郭俊賢譯, -《學習原理: 心智、經驗與學校》, 遠流, 2005)

[教學理論]

Donald Kauchak and Paul Eggen, Learning and Teaching: Research-Based Methods, Pearson Education, Inc., 5th ed., 2007. (中譯本: 《教學原理: 學習與教學》, 學富文化出版-, 2006)