

國立台灣大學醫學院職能治療學系
九十七學年度第二學期

副木、裝具義肢學 暨 副木、裝具義肢學實習

課程編號：40937310 副木、裝具義肢學
40937410 副木、裝具義肢學實習

授課時間：98.2.19 ~ 98.6.18 每週四下午 1:20 ~ 5:10

授課地點：職能治療學系 430 教室

授課教師：黃小玲（主授）、王淳厚、林銘川、柴惠敏、曹昭懿、謝清麟

授課教師聯絡電話：黃小玲（02）33668179

授課對象：職能治療學系三年級學生

課程簡介：本科目之授課與實習比例為 1:3，主要課程內容描述如下：

1. Review functional anatomy of upper extremity and lower extremity.
2. Introduce OT roles in various orthopedic conditions.
3. Introduce different types of splints and UE/LE orthoses & prostheses.
4. Introduce checkout and training of using UE/LE prostheses.
5. Introduce principles of splint fabrication.
6. Practice splint fabrication.

先修科目：肌動學

課程目標：

1. Demonstrate the understanding of UE/LE structures.
2. Describe OT management procedures for different orthopedic conditions.
3. Identify when to provide splints, orthoses and prostheses.
4. Fabricate at least five types of splints.
5. Perform UE prosthesis checkout.
6. Describe the training procedures for using prosthesis.

評分標準：

1. Lecture	Mid-term Examination	45 %
	Final Examination	45 %
	Participation	10 %
2. Practice	Bandaging, UE prosthesis checkout,	90 %
	Splint fabrication	
	Participation	10 %

參考書籍：

1. Mackin, E.J., Callahan, A.D., Skirven, T.M., Schneider, L.H., & Osterman, A.L. (2002). Rehabilitation of the hand and upper extremity, 5th ed., The C.V. Mosby.
2. Hunter, J.M., Mackin, E.J. & Callahan, A.D. (1995). Rehabilitation of the hand, 4th ed., The C.V. Mosby.
3. Colleen, G., Tenny, & Lisak, J.M. (1986). Atlas of hand splinting. Little, Brown and Company.
4. Coppard, B.M., & Lohman, H. (2001). Introduction to splinting. 2nd ed., The C.V. Mosby .
5. Shurr, D.F., & Cook, T.M. (1990). Prosthetics and orthotics. Appleton & Lange, Norwalk.
6. Van Lede P. & Veldhoven G.van. Therapeutic hand splints. Provan bvba, Belgium, 1998.
7. Radomski, M.V., & Trombly, C.A. (2007). Occupational Therapy for Physical Dysfunction, 6th ed., Maryland: Williams & Wilkins.

課程內容：

日期	課程題目	授課教師
2 / 19	Course description and orientation	黃小玲
	Introduction to prostheses and orthoses	林銘川
2 / 26	UE & LE prostheses	王淳厚/謝清麟
3 / 05	Spinal and LE orthoses	王淳厚/謝清麟
3 / 12 (另約)	Foot orthoses and shoe modification	柴惠敏
3 / 19	UE prostheses checkout and training	黃小玲
3 / 26	LE prostheses training & LE amputee bandaging	曹昭懿
4 / 02	Mid-term examination	黃小玲
4 / 09	Management of upper extremity injuries (1)	黃小玲
4 / 16	Management of upper extremity injuries (2)	黃小玲
4 / 23	Principles of splint design & fabrication (1)	黃小玲
4 / 30	Practice of splint fabrication (2)	黃小玲
5 / 07	Practice of splint fabrication (3)	黃小玲
5 / 14	Management of upper extremity injuries (3)	黃小玲
5 / 21	Practice of splint fabrication (4)	黃小玲
5/28	端午節放假	
6 / 04	Upper limb orthotics	黃小玲
6 / 11	Practice of splint fabrication (5)	黃小玲
6 / 18	Final examination	黃小玲