

國立台灣大學醫學院職能治療學系  
一百學年度第二學期

**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：101.2.23 ~ 100.6.21 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）、林銘川、柴惠敏、曹昭懿、謝清麟、陳坤鍾

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. 吳鑫漢（2010）手部復健問題處理副木。
2. Mackin, E.J., Callahan, A.D., Skirven, T.M., Schneider, L.H., & Osterman, A.L. (2002). Rehabilitation of the hand and upper extremity, 5<sup>th</sup> ed., The C.V. Mosby.
3. Hunter, J.M., Mackin, E.J. & Callahan, A.D. (1995). Rehabilitation of the hand, 4<sup>th</sup> ed., The C.V. Mosby.
4. Colleen, G., Tenny, & Lisak, J.M. (1986). Atlas of hand splinting. Little, Brown and Company.
5. Coppard, B.M., & Lohman, H. (2001). Introduction to splinting. 2<sup>nd</sup> ed., The C.V. Mosby .
6. Shurr, D.F., & Cook, T.M. (1990). Prosthetics and orthotics. Appleton & Lange, Norwalk.
7. Van Lede P. & Veldhoven G.van. Therapeutic hand splints. Provan bvba, Belgium, 1998.
8. Radomski, M.V., & Trombly, C.A. (2007). Occupational Therapy for Physical Dysfunction, 6<sup>th</sup> ed., Maryland: Williams & Wilkins.

課程內容：

| 日 期    | 課 程 題 目                                                           | 授課教師    |
|--------|-------------------------------------------------------------------|---------|
| 2 / 23 | Course description and orientation                                | 黃小玲     |
|        | Introduction to prostheses and orthoses                           | 林銘川     |
| 3 / 01 | UE & LE prostheses                                                | 陳坤鍾/謝清麟 |
| 3 / 08 | Spinal and LE orthoses                                            | 陳坤鍾/謝清麟 |
| 3 / 15 | Foot orthoses and shoe modification                               | 柴惠敏     |
| 3 / 22 | LE prostheses training & LE amputee bandaging                     | 曹昭懿     |
| 3 / 29 | UE prostheses checkout and training                               | 黃小玲     |
| 4 / 05 | 溫書假                                                               | 黃小玲     |
| 4 / 12 | Mid-term examination                                              | 黃小玲     |
| 4 / 19 | 參觀德林義肢工廠                                                          | 黃小玲     |
| 4 / 26 | Management of upper extremity injuries (1)                        | 黃小玲     |
| 5 / 03 | Principles of splint design & fabrication                         | 黃小玲     |
| 5 / 10 | Practice of splint fabrication (1)                                | 黃小玲     |
| 5 / 17 | Management of upper extremity injuries (2)                        | 黃小玲     |
| 5 / 24 | Practice of splint fabrication (2)                                | 黃小玲     |
| 5 / 31 | Upper limb orthotics                                              | 黃小玲     |
| 6 / 07 | Practice of splint fabrication (3)                                | 黃小玲     |
| 6 / 14 | Practice of splint fabrication (4) and final practice examination | 黃小玲     |
| 6 / 21 | Final examination                                                 | 黃小玲     |