



# 課 綱 Course Outline

## 藝術學院學士班

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| 中文課程名稱<br>Course Name in Chinese                                                              | Midi入門與數位製譜                                                                                                                                                                                                                                                                                                                                                   |                  |                    |                                                                                      |     |
| 英文課程名稱<br>Course Name in English                                                              | Introduction to Midi and Digital Music Notation                                                                                                                                                                                                                                                                                                               |                  |                    |                                                                                      |     |
| 科目代碼<br>Course Code                                                                           | MUS_37680                                                                                                                                                                                                                                                                                                                                                     | 班 別<br>Degree    | 學士班<br>Bachelor' s |                                                                                      |     |
| 修別<br>Type                                                                                    | 學程<br>Program                                                                                                                                                                                                                                                                                                                                                 | 學分數<br>Credit(s) | 3.0                | 時 數<br>Hour(s)                                                                       | 3.0 |
| 先修課程<br>Prerequisite                                                                          |                                                                                                                                                                                                                                                                                                                                                               |                  |                    |                                                                                      |     |
| 課程目標<br>Course Objectives                                                                     |                                                                                                                                                                                                                                                                                                                                                               |                  |                    |                                                                                      |     |
| 1. 能夠運用電腦軟體繪製各種樂譜。<br>2. 簡介各類繪譜軟體。<br>3. 音樂樂譜繪製實作。<br>4. 以MIDI編修音樂樂譜。<br>5. 能夠運用電腦MIDI器材演奏作品。 |                                                                                                                                                                                                                                                                                                                                                               |                  |                    |                                                                                      |     |
| 院教育目標<br>College.'s Education Objectives                                                      |                                                                                                                                                                                                                                                                                                                                                               |                  |                    |                                                                                      |     |
| 1                                                                                             | 培養兼具創新、表演、研發之各類藝術專業人才<br>The purpose of The College of Fine and Applied Arts at National Dong Hwa University is to provide quality higher education for students to be excellent artists, designers, performers, and scholars, who not only are knowledgeable and skillful but also appreciate cultural diversity and take social responsibilities seriously. |                  |                    |                                                                                      |     |
| 院基本素養與核心能力<br>College Basic Learning Outcomes                                                 |                                                                                                                                                                                                                                                                                                                                                               |                  |                    | 課程目標與院基本素養與核心能力<br>Correlation between Course Objectives and Basic Learning Outcomes |     |
| A                                                                                             | 具備藝術知識及文化視野之能力<br>Utilize knowledge and technical skills appropriate to their chosen professional area of the arts with a vision for the creative future                                                                                                                                                                                                      |                  |                    | ●                                                                                    |     |
| B                                                                                             | 具備藝術品味與審美價值判斷能力<br>Appreciate diversity with good tastes of arts and crafts                                                                                                                                                                                                                                                                                   |                  |                    | ●                                                                                    |     |
| C                                                                                             | 具備藝術創作與展演之表現能力<br>Demonstrate artistic capabilities through innovative ways of making, performing, and exhibiting arts                                                                                                                                                                                                                                        |                  |                    | ○                                                                                    |     |

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| 圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated                                                                                                                                                                                                                                                                                                                                                                                  |  |
| 課程大綱<br>Course Outline                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| 1. 繪譜軟體Finale介紹。<br>2. 繪譜軟體各項功能解析。<br>3. 工具使用參數解析。<br>4. 單聲部及多聲部樂譜繪製。<br>5. 中英文歌詞輸入與列印。<br>6. 應用MIDI工具輸入樂譜資料。<br>7. 各種音樂記號的輸入及修正。<br>8. 樂譜版面編製。<br>9. 特殊工具如何調整樂譜參數。<br>10. 製譜軟體在教學上的使用。<br>11. 音樂試卷的製作<br>12. 文書處理中的音樂圖形。<br>13. 簡易操作實例。<br>14. 掃描轉換樂譜。<br>15. 製作個性化樂譜。<br>16. 套用「樣式庫」樂譜。<br>17. 樂譜調整。<br>18. 音符修改與特殊音符製作。<br>19. 樂譜製作技法。<br>20. 自己製作符號。<br>21. 樂譜版面調整。<br>22. 製作簡譜。<br>23. 各種樂譜製作實習。<br>24. 編寫音樂教材及考題。<br>25. 以程式完成和聲作業。<br>26. 製作練習曲。 |  |
| 資源需求評估（師資專長之聘任、儀器設備的配合．．．等）<br>Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)                                                                                                                                                                                                                                                                                                                                   |  |
| 電腦音樂專業教師<br>電腦教學設備、電腦操作相關軟體、投影教學設備、播放音及錄音設                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| 課程要求和教學方式之建議<br>Course Requirements and Suggested Teaching Methods                                                                                                                                                                                                                                                                                                                                                                                      |  |
| 1. 教師講解：上課時教師針對進度主題進行講解。<br>2. 課間討論：學生針對授課內容發掘問題、討論研究，教師引導學生操作軟體各項功能，解答可行方案。<br>3. 課後習作：學生依據進度練習寫作技巧，印証課堂學習的心得                                                                                                                                                                                                                                                                                                                                          |  |
| 其他<br>Miscellaneous                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
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