

國立屏東大學 111學年度第2學期 教學課程綱要

※為保護智慧財產權，請勿非法影印教科書。

課程學分數：2.00(2.00小時)

授課老師：鄭愷雯(704010)

必選修：選

開課序號	2385
科目名稱	音樂、情感與大腦(GEC2529)
科目英文名稱	Music, Feeling and Brain
授課語言	英語/全外語授課
主要教學型態	課堂教學&小組討論
教學目標	This course contains 9 different topics concerning music, feeling and brain. It subsumes what is music, foot tapping, music and the mind machine, anticipation, how we categorize music, music, emotion, and the reptilian brain, what makes a musician, why do we like the music we like, and the music instinct. The students will reflect on these topics of their musical experiences and enhance their understanding of music and science.
每週課程內容及教學方法	<p>週次 Week 課程內容</p> <p>Course Content (the course content will be modified according to actual teaching and learning context and the students' needs in the classroom)</p> <p>第一週 Week 1 Course introduction</p> <p>第二週 Week 2 Music and science</p> <p>第三週 Week 3 What is music? From pitch to timbre II</p> <p>第四週 Week 4 Foot tapping: Discerning rhythm, loudness, and harmony I</p> <p>第五週 Week 5 Foot tapping: Discerning rhythm, loudness, and harmony II</p> <p>第六週 Week 6 Behind the curtain: Music and the mind machine I</p> <p>第七週 Week 7 Behind the curtain: Music and the mind machine II</p> <p>第八週 Week 8 Anticipation: What we expect from Liszt and Ludacris</p> <p>第九週 Week 9 Mid-term exam: Students' oral presentation</p> <p>第十週 Week 10 How we categorize music? I</p> <p>第十一週 Week 11 How we categorize music? I</p> <p>第十二週</p>

	<p>Week 12 Music, emotion, and the reptilian brain I 第十三週</p> <p>Week 13 Music, emotion, and the reptilian brain II 第十四週</p> <p>Week 14 What makes a musician? 第十五週</p> <p>Week 15 Why do we like the music we like? I 第十六週</p> <p>Week 16 Why do we like the music we like? II 第十七週</p> <p>Week 17 The music instinct 第十八週</p> <p>Week 18 End-term exam: students' oral presentation</p>
<p><b>核心能力</b></p>	
<p><b>預期學習成果</b></p>	<p>After the course, students will be able to:</p> <ol style="list-style-type: none"> <li>Understand the relationship between music, feeling and brain and to investigate relevant theories</li> <li>Become more aware of oneself and other people's musical life experiences and through music interaction with other people, students become more appreciate with the differences between oneself and other people</li> <li>Develop capabilities for thinking, reasoning and applying the skills and knowledge of music, feelings and brain in one's own professional development</li> </ol> <p>After completing the above learning outcomes, students will be able to have a certain level of critical thinking and thus inspire and further develop their future professional practices.</p>
<p><b>與預期學習成果搭配的多元評量</b></p>	<ol style="list-style-type: none"> <li>Participation and learning in classroom 60% <ol style="list-style-type: none"> <li>Participation 20%</li> <li>Attendance 10%</li> <li>Mid-term presentation 30% (Individual presentation: share one of your experiences of music and feeling/ emotion in context with literature from music, feeling and brain)</li> </ol> </li> <li>Final presentation 40% (Group presentation: design group music and emotion activities and lead the whole class for participation. 20% written report on music and emotion activity procedure with references from literature and group members' reflective thinking 15% whole term learning process 5%)</li> </ol>
<p><b>主要讀本</b></p>	<p>Levitin, D. (2007). This Is Your Brain on Music: The Science of a Human Obsession. Plume/Penguin.</p> <p>Levitin, D. (2013)。迷戀音樂的腦。翻譯: This is your brain on music: The Science of Human obsession. 大家出版社。</p>

<p><b>參考書目</b></p>	<p>Thompson, W. (2014). Music, Thought, and Feeling: Understanding the Psychology of Music. Oxford University Press. 2nd ed.</p> <p>Robert Jourdain (2008). Music, The Brain, And Ecstasy: How Music Captures Our Imagination. William Morrow Paperbacks.</p> <p>Aniruddh D. Patel (2010). Music, Language, and the Brain. Oxford University Press.</p> <p>Daniel J. Levitin著 林凱雄譯 (2017). 為什麼傷心的人要聽慢歌：從情歌、舞曲到藍調, 樂音如何牽動你我的行為. 臺北市：商周出版。</p> <p>John Powell著 柴婉玲譯 (2018). 好音樂的科學II：從古典旋律到搖滾詩篇——看美妙樂曲如何改寫思維、療癒人心。翻譯自：why you love music from Mozart to Metallica - The Emotional Power of Beautiful sound. 大寫出版社。</p>
<p><b>其他事項</b></p>	<p>After new term starts, please join the facebook class group for course announcements and contact開學後請加入facebook班級群組以利課程公告與聯絡</p>