

國立屏東大學 111學年度第1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：3.00(3.00小時)

授課老師：蔡安朝(301019)

必選修：選

開課序號	0236
科目名稱	虛擬擴增實境專論(FAB2209)
科目英文名稱	Special Topics on Virtual Reality and Augmented Reality
授課語言	英語/全外語授課
主要教學型態	課堂教學
教學目標	The introduction of the application and implementation method for augmented reality and virtual reality.
每週課程內容及教學方法	<p>(Please join to line group: https://line.me/R/ti/g/lcDqbrgtsB , the information about distance learning would be announced here.)</p> <ol style="list-style-type: none"> 1. Introduction Lecture, Lab 2. AR Game I (vuforia) Lecture, Lab 3. AR Game II Lecture, Lab 4. AR Foundation I Lecture, Lab 5. AR Foundation II Lecture, Lab 6. AR Foundation III Lecture, Lab 7. VR Game I (cardboard) Lecture, Lab 8. VR Game II(cardboard) Lecture, Lab 9. Midterm Presentation Presentation 10. VR Raycast Game I (cardboard) Lecture, Lab 11. VR Raycast Game II(cardboard) Lecture, Lab 12. VR Shootung Game I (HTC Vive) Lecture, Lab 13. VR Shootung Game II (HTC Vive) Lecture, Lab 14. VR Shootung Game III(HTC Vive) Lecture, Lab 15. VR360 I (cardboard) Lecture, Lab 16. VR360 II (cardboard) Lecture, Lab 17. VR360 III(cardboard) Lecture, Lab 18. Final Presentation Presentation
核心能力	<ol style="list-style-type: none"> 1. 培養理論與實務並重之資訊專業知識 15% 2. 整合系統開發、系統設計及實務應用能力 50% 3. 優質團隊合作、全球化思考及國際視野之能力 20% 4. 團隊領導與管理能力 5% 5. 獨立思考與研究能力 5% 6. 科技鑑賞與創新能力 5%
預期學習成果	Students are able to implemente their own application of augmented reality and virtual reality.

與預期學習成果 搭配的多元評量	The evaluation include the completeness of the course content in class and homework as well.
主要讀本	NA
參考書目	NA
其他事項	Please join to line group: https://line.me/R/ti/g/1cDqbrgtsB , the information about distance learning would be announced here.