

國立屏東大學 110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

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| 開課序號 | 0191 |
| 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. |
| 課程綱要 | <p>(Please join to line group: https://line.me/R/ti/g/oH86e2jxpo , 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% |
| 授課方式 | |
| 評量方式 | The evaluation include the completeness of the course content in class |

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| | 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/oH86e2jxpo , the information about distance learning would be announced here. |