

ECAP5001– Research Methods Intermediate.

Module Leader: Dr Stuart Jones.

| Session Number | Topic                                  | Content                                                                                                                                                                                                                                                                       | Recommended Reading                                                                                                                              |
|----------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1              | Introduction and Recap.                | <ul style="list-style-type: none"> <li>● Recap – Introduction to Research Methods</li> <li>● The importance of Research Methods</li> <li>● Recap Session on The T test.</li> <li>● Report Writing Session.</li> </ul>                                                         | Haslam, S., & McGarty, C. (2014). <i>Research methods and statistics in psychology</i> (2n ed). Sage. (Available in LRC as Electronic Resource). |
| 2              | One-way ANOVA and Confidence Intervals | <ul style="list-style-type: none"> <li>● What is an ANOVA?</li> <li>● Factors, levels</li> <li>● Types of ANOVAS</li> <li>● Post hoc testing</li> <li>● SPSS Session One Way Anova</li> <li>● Confidence Intervals</li> </ul>                                                 | Coolican, H. (2014). <i>Research methods and statistics in psychology</i> (6th ed.). Psychology Press                                            |
| 3              | 2x2 Anova                              | <ul style="list-style-type: none"> <li>● Introduction to 2x2 Anova</li> <li>● SPSS Session – 2 x 2 Anova.</li> <li>● Discussion on Assessment 1.</li> </ul>                                                                                                                   | Harrison, V., & Kemp, R. (2020). <i>SPSS for Psychologists: And Everybody Else</i> (7th ed). Macmillan Education UK.                             |
| 4              | Research Ethics and the Ethics form.   | <ul style="list-style-type: none"> <li>● Carrying out in class 2x2 Anova experiments for Assessment 1.</li> <li>● Discussion on Research Ethics Form and Ethical Guidance.</li> <li>● Data Screening and Cleaning.</li> </ul>                                                 | Please refer to BPS website for BPS ethical guidance and policies.                                                                               |
| 5              | Scale Development                      | <ul style="list-style-type: none"> <li>● Introduction to Scale Development.</li> <li>● Scale Development – Reliability and Validity</li> <li>● SPSS Session - Completing and Interpreting the Cronbach Alpha and</li> <li>● SPSS Session on Split Half Reliability</li> </ul> | Field, A. P. (2013). <i>Discovering statistics using IBM SPSS Statistics: And sex and drugs and rock 'n' roll</i> (4th ed.). Sage.               |

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| 6  | Correlation and Multiple Regression         | <ul style="list-style-type: none"> <li>● Recap on Correlations</li> <li>● SPSS Session – Correlation</li> <li>● An explanation of Multiple Regression.</li> <li>● Worked Example of a Multiple Regression</li> <li>● SPSS Session – Multiple Regression.</li> </ul> | Harrison, V., & Kemp, R. (2020). <i>SPSS for Psychologists: And Everybody Else</i> (7th ed). Macmillan Education UK.                                    |
| 7  | Qualitative Research                        | <ul style="list-style-type: none"> <li>● Introduction to Qualitative Research Methods.</li> <li>● Question formulation for qualitative interviews.</li> <li>● Assignment Advice for Assessment 3</li> </ul>                                                         | Willig, C. (2008). <i>Introducing qualitative research in psychology: Adventures in theory and method</i> (2nd ed.). McGraw-Hill Open University Press. |
| 8  | Qualitative Research 2 – Thematic Analysis. | <ul style="list-style-type: none"> <li>● Introduction to Thematic Analysis.</li> <li>● Thematic Analysis – in class coding and theme generation of data.</li> <li>● Report Writing – Qualitative Report.</li> </ul>                                                 | Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. <i>Qualitative research in psychology</i> , 3(2), 77-101.                        |
| 9  | Qualitative Research – Focus Groups.        | <ul style="list-style-type: none"> <li>● Assignment Advice – Assignment 2</li> <li>● Introduction to Focus Group Research.</li> <li>● Interactive Focus Group Session.</li> </ul>                                                                                   | Smith, J. A. (2015). <i>Qualitative psychology : a practical guide to research methods</i> (3rd edition.). SAGE                                         |
| 10 | Qualitative Research - IPA                  | <ul style="list-style-type: none"> <li>● Introduction to IPA</li> <li>● Interactive Session – worked IPA example.</li> </ul>                                                                                                                                        | Smith, J. A. (2015). <i>Qualitative psychology : a practical guide to research methods</i> (3rd edition.). SAGE                                         |