

DEREE COLLEGE SYLLABUS FOR: PS 3618 NON-EXPERIMENTAL RESEARCH IN PSYCHOLOGY		3/2/4
(Previously PS 3618 Research Methods in Psychology - L5) (Updated Spring 2022)		LEVEL 5 UK CREDITS: 20
PREREQUISITES:	PS 1000 Psychology as a Natural Science - L4 PS 1001 Psychology as a Social Science - L4 PS 2207 Infancy and Preschool Years - L4 PS 2236 Human Learning & Memory – L4 PS 2260 Introduction to Statistical Thinking - L4 PS 2347 Analysis of Quantitative Data - L4	
CATALOG DESCRIPTION:	Theoretical and experiential learning of the scientific method, design, execution, analysis, interpretation and communication of non-experimental research in Psychology. Application of qualitative and quantitative data analysis through the use of practical examples and collected data.	
RATIONALE:	This module introduces students to non-experimental research in psychology (e.g., observation, in-depth interview, correlational, survey) and methods of data analysis (qualitative and quantitative). Students acquire the critical skills to evaluate research and conduct a research project in psychology following ethical principles. This includes formulating research questions and hypotheses, designing the study, collecting, analyzing and interpreting data, and writing reports.	
LEARNING OUTCOMES:	Upon completion of the module, the student should be able to: <ol style="list-style-type: none"> 1. Distinguish between types of non-experimental research and discuss key concepts and processes, including content analysis, operational definitions, variables, reliability, validity, and sampling. 2. Critically evaluate empirical papers. 3. Formulate research questions and hypotheses, based on qualitative data and literature review, and select appropriate methods to address them. 4. Conduct research, perform appropriate data analysis, interpret findings, and write report using APA format following ethical principles. 	
METHOD OF TEACHING AND LEARNING:	In line with the teaching and learning strategy of the college, the following tools are used: <ul style="list-style-type: none"> ➤ Core content is covered in lectures and skills associated with the core content are developed in labs. ➤ Critical discussion of scholarly articles. ➤ Individual meetings to supervise all research steps. ➤ Office hours ➤ Use of Blackboard site 	

<p>ASSESSMENT:</p>	<p>Summative:</p> <table border="1"> <tr> <td> <p>1st assessment - Portfolio:</p> <ul style="list-style-type: none"> - Qualitative research assignment (e.g. qualitative coding, analysis, etc.) - Problem-solving activities or short reports (e.g. data set analysis, hypothesis formulation, article critique, etc.) </td> <td style="text-align: center;"> <p>40%</p> </td> </tr> <tr> <td> <p>2nd assessment Application Assignments</p> </td> <td style="text-align: center;"> <p>10%</p> </td> </tr> <tr> <td> <p>Final assessment - Survey Paper:</p> <ul style="list-style-type: none"> - Literature review, design, data collection / analysis / interpretation, writing up. </td> <td style="text-align: center;"> <p>50%</p> </td> </tr> </table> <p>Formative:</p> <table border="1"> <tr> <td> <p>Weekly Laboratory Exercises: Laboratory work: hands-on exercises on material discussed in lectures. Wikis, online journals, blogs.</p> </td> <td style="text-align: center;"> <p>0%</p> </td> </tr> </table> <p>The 1st assessment tests Learning Outcomes 1,2,3,4. The 2nd assessment tests Learning Outcomes 1,2,3,4. The final assessment tests Learning Outcomes 1,2,3,4.</p> <p>The final grade for this module will be determined by averaging all summative (major) assessment grades, based on predetermined weights for each assessment. If students pass the comprehensive assessment that tests all Learning Outcomes for this module and the average grade for the module is above 40, students are not required to resit any failed assessments.</p>	<p>1st assessment - Portfolio:</p> <ul style="list-style-type: none"> - Qualitative research assignment (e.g. qualitative coding, analysis, etc.) - Problem-solving activities or short reports (e.g. data set analysis, hypothesis formulation, article critique, etc.) 	<p>40%</p>	<p>2nd assessment Application Assignments</p>	<p>10%</p>	<p>Final assessment - Survey Paper:</p> <ul style="list-style-type: none"> - Literature review, design, data collection / analysis / interpretation, writing up. 	<p>50%</p>	<p>Weekly Laboratory Exercises: Laboratory work: hands-on exercises on material discussed in lectures. Wikis, online journals, blogs.</p>	<p>0%</p>
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<p>INDICATIVE READING:</p>	<p>REQUIRED READING: Shaughnessy, J. J., Zechmeister E. B. and Zechmeister J. S. (latest edition). <i>Research Methods in Psychology</i>, New York: McGraw-Hill Inc.</p> <p>American Psychological Association (latest edition). <i>Publication manual of the American Psychological Association</i>. Washington, DC: Author.</p> <p>RECOMMENDED READING: Reading to supplement Laboratory assignments and the basic material covered in the textbook.</p> <p>Efron, S. E. & Ravid, R. (latest edition). <i>Writing the literature review</i>. NY: The Guilford press.</p> <p>Field, A. (latest edition). <i>Discovering statistics using SPSS</i>. London: Sage</p>								

	<p>Jensen, E. A. & Laurie, C. (latest edition). <i>Doing real research. A practical guide to social research</i>. London: Sage</p> <p>King, N., Horrocks, C., & Brooks, J. (latest edition). <i>Interviews in Qualitative Research</i>. London: Sage</p> <p>Ogden, J. (latest edition). <i>Thinking critically about research</i>. NY: Routledge</p> <p>Pallant, J. (latest edition). <i>SPSS Survival Manual</i>, NY: McGraw-Hill Inc.</p> <p>Pyrczak, F. (latest edition). <i>Evaluating research in academic journals: A practical guide to realistic evaluation</i>, Los Angeles, CA: Pyrczak Publishing.</p> <p>Rosnow, R. L., & Rosnow, M. (latest edition). <i>Writing papers in psychology</i>, 7th edition. Belmont, CA: Wadsworth.</p> <p>Willig, C. (latest edition). <i>Introducing Qualitative Research in Psychology</i>. UK: Open University Press</p>
<p>INDICATIVE MATERIAL: (e.g. audiovisual, digital material, etc.)</p>	<p>REQUIRED MATERIAL: N/A</p> <p>RECOMMENDED MATERIAL: The Psychologists American Psychologist Psychological Science Psychological Bulletin British Journal of Psychology Journal of Applied Psychology</p>
<p>COMMUNICATION REQUIREMENTS:</p>	<p>Project submitted in Word. Academic use of English, both oral and written. APA style</p>
<p>SOFTWARE REQUIREMENTS:</p>	<p>Microsoft Office: Word, Excel, PowerPoint SPSS</p>
<p>WWW RESOURCES:</p>	<p>American Psychological Association: www.apa.org</p> <p>British Psychological Society: www.bps.org.uk</p> <p>Cozby Internet Site on writing research reports: http://methods.fullerton.edu/framesindex.html</p> <p>Dewey psych web project http://www.psychwww.com/ and scholarly psychology resources from this site on research http://www.psywww.com/resource/bytopic/research.html</p>

	<p>Trochim Research Methodology Internet Site: http://www.socialresearchmethods.net/kb/contents.php</p> <p>APA style resources available: http://www.apastyle.org/apa-style-help.aspx</p> <p>APA style blog: https://blog.apastyle.org/apastyle/apa-style-blog-6th-edition-archive.html</p> <p>APA style basics tutorial https://apastyle.apa.org/6th-edition-resources/basics-tutorial</p>
INDICATIVE CONTENT:	<ol style="list-style-type: none"> 1. The scientific method 2. How to read and critically evaluate a scholarly article 3. Ethical issues in psychological research 4. Developing ideas for research in Psychology, formulating hypotheses and testing them with appropriate methods 5. Communication in Psychology