

Module Code	BMPE7010
Title	Dissertation Summer School Research Methods
Date	08/12/2021
Level	7
Credits	10
Pre-Requisites	This module is only available to Douglas College (Vancouver) Summer School students

AIM(S)

- To enable practitioners to use a range of research methods to critically reflect upon and develop professional practice.

LEARNING OUTCOMES

Upon the successful completion of this module, the student should be able to:

- critically evaluate a range of research methodologies and justify a rationale underpinning a chosen research approach;
- critically reflect upon practice to derive relevant research questions;
- demonstrate the skills of writing a research proposal including critical analysis of the relevant literature.

INDICATIVE CONTENT

- Key lectures will comprise: a critical evaluation of qualitative, quantitative and mixed-methods research methodologies; how to critically review the literature; a consideration of different data collection methods; the process of data analysis and triangulation, and how to write a research paper.
- The role and value of assessment will form the starting point from which broader consideration will be given to the efficacy of a range of different research instruments (e.g. TGMD2, Leuven observation scales, Mosaic Approach, SOFIT, self-esteem questionnaires) and approaches (self-report, participant observation, field notes and journals) that have been developed/used to assess learner outcomes.
- Analysis of Qualitative data using a range of techniques such as Content analysis, systems for coding, use of computer assisted qualitative data analysis software (CAQDAS).
- Managing nominal, ordinal, interval and ratio data including the use of descriptive techniques e.g. mean, standard deviation and frequency distribution and Analysis of quantitative data using parametric and non parametric techniques such as t-test, ANOVA, Correlation, Mann-Whitney U, Kruskal-Wallis and Chi Square.
- Ethical considerations relevant to conducting research with a range of learners will be discussed and standards of good practice identified.

- Group tutorials will provide the opportunity for small groups of students to meet to discuss and share their research work, engage in group problem solving and gain support and advice from the course tutor.

Study Time Allocation

The study time for the module is divided as follows:

Activity type	Hours	Percentage
Scheduled learning	15	15%
Independent learning	85	85%
Placement learning	0	0%
TOTAL	100	100%

ASSESSMENT

Assessment Component 1 (*Tick one*)

☐ Written exam ☒ Coursework ☐ Practical

Mode of assessment	Volume	Weighting
Research proposal	2500 words	100%

Assessment Summary

Activity type	Percentage
Written exam	0%
Coursework	100%
Practical	0%
TOTAL	100%

INDICATIVE READING LIST

Module Code	BMPE7010	
Module Title	Dissertation Summer School Research methods	
Classification	Reading List entry	Electronic*
Essential	Armour, K. and Macdonald, D. (2012) <i>research Methods in Physical Education and Youth Sport</i> . London: Routledge	☒
Essential	Cohen, L., Manion, L. and Morrison, K. (2007) <i>Research Methods in Education</i> (6 th Ed). London: Routledge.	☒
Essential	Gray, D 2009 <i>doing Research in the Real World</i> . London Sage	☒
Essential	Mauthner, M.L. and Birch, M.L. (eds). (2002) <i>Ethics in Qualitative Research</i> . London: Sage.	☒
Further	Nelson, L., Groom, R and Potrac, P. (eds). (2014) <i>Research Methods in Sports Coaching</i> . London: Routledge	☒
Further	Pallant, J. 2016 <i>SPSS survival manual</i> . Maidenhead, McGraw-Hill	☒