



HLTH 501

Principles of Research

2011 Course Outline

Trimester 1

Teaching Dates: 28 February – 3 June 2011

Trimester Dates: 28 February – 2 July 2011

Course Coordinator:
Peter Gallagher

IMPORTANT NOTICE

The Graduate School of Nursing, Midwifery & Health at Victoria University of Wellington, uses all reasonable skill and care in an effort to ensure the information and course content information contained in this outline is accurate at the time of going to print.

Students should be aware, however, that in the event course timetables and venues need to be changed, all attempts will be made to notify the students.

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Section 1: Operational Information

COURSE COORDINATOR & CONTACT DETAILS

Peter Gallagher, Lecturer

Ph: 04 463 5993

Email: peter.gallagher@vuw.ac.nz

Office hours: Monday, Tuesday 9 -5pm and Wednesday 9 -12 noon.

POSTGRADUATE ADMINISTRATOR

Abbey McDonald

Ph: 04 463-6144

Email: abbey.mcdonald@vuw.ac.nz

POSTAL ADDRESS

Graduate School of Nursing, Midwifery & Health

Victoria University of Wellington

P O Box 7625

Newtown

Wellington 6242

PHYSICAL ADDRESS

Level 7, Clinical Services Block (CSB)

Wellington Regional Hospital

Riddiford St, Newtown

Wellington 6021

OFFICE HOURS

The Graduate School office will be open on Thursday 6 January 2011 and close on Thursday 22 December 2011 from 9.00am – 4.00pm weekdays.

In keeping with the practice of other years, academic staff will not be available on Fridays, except for the times they are involved in Schools. Please contact the course coordinator directly either by telephone or email should you wish to make an appointment or discuss course related issues.

Section 2: Academic Requirements

COURSE AIMS

To enable students to understand research, to differentiate it from other forms of knowledge and to be able to read and appraise research material for its value in supporting practice.

COURSE CONTENT

Focuses on the research process, research concepts, the location, implementation and critique of research in practice.

Content Areas:

- On being a student: Adult learning, computer skills, academic integrity, referencing, scholarship, information literacy
- Defining research as a way of knowing
- Research questions and research design
- Research appraisal and utilisation.

LEARNING OBJECTIVES

By the end of this course students will be able to:

- Demonstrate a comprehensive knowledge of the research process
- Appraise evidence in relation to health related issues
- Demonstrate advanced knowledge of different research approaches applicable to the health disciplines.

NURSING COUNCIL OF NEW ZEALAND NURSE PRACTITIONER COMPETENCIES THIS COURSE MEETS (NCNZ 2008)

- 1.3 Demonstrates nursing leadership that positively influences the health outcomes of client/population group and the profession of nursing.
- 2.4 Demonstrates confident and independent practice that is based on the synthesis of theory and practice knowledge from nursing and other disciplines.
- 3.2 Contributes to clinical collaboration that optimises health outcomes for the client
- 3.3 Actively involved in quality assurance activities that monitor and improve the quality of health care and the effectiveness of own practice.

REQUIRED TEXT

It is strongly recommended that you purchase a textbook. There are many textbooks written as an introduction to research for health professionals. You should choose a textbook that suits your needs. The following is an indicative list of some texts that may prove helpful for this course:

Brown, S (2009) *Evidence-based nursing: The research-practice connection*. Boston: Jones and Bartlett Publishers.

Clegg, F. (2001) - *Simple Statistics*. UK: Cambridge University Press.

Cluett, E. R., & Bluff, R. (2006). *Principles and practice of research in midwifery*. (2nd ed.) New York: Bailliere Tindall.

Cullum, N., Ciliska, D., Haynes, B, & Marks, S. (2008). *Evidence-based nursing: An introduction*. Oxford: Blackwell.

DiCenso, A., Guyatt, G., & Ciliska, D. (2005). *Evidence-based nursing : a guide to clinical practice*. St. Louis, Mo.: Elsevier Mosby.

Gillis, A. A., & Jackson, W. (2002). *Research for nurses: methods and interpretation*. Philadelphia: F.A. Davis.

Greenhalgh, T. (2001). *How to Read a Paper: The Basics of Evidence-Based Medicine*. 2nd ed). London: BMJ Publishing Group.

LoBiondo-Wood, G., & Haber, J. (2010). *Nursing research methods, critical appraisal and utilization* (7th ed). St. Louis : Mosby.

Oakley, A. (2000). *Experiments in knowing: gender and method in the social sciences*. Cambridge UK. Polity Press.

Polit, D., & Tatano Beck, C. (2008). *Nursing research: principles and methods (Nursing research: principles & practice*. (8th ed.). Sydney: Lippincott Williams & Wilkins.

Polit, D., & Tatano Beck, C. (2008). *Nursing research: generating and assessing evidence for nursing practice*. (8th ed.). Sydney: Lippincott Williams & Wilkins.

As the course progresses additional material will be suggested by the Course coordinator and hopefully also by you as a course member. The material may be in a paper or an electronic version.

TEXT BOOK PURCHASE

Customers can order textbooks and student notes online at www.vicbooks.co.nz or can email an order or enquiry to enquiries@vicbooks.co.nz. Books can be couriered to customers or they can be picked up from Vicbooks on level 3 of the Student Union Building. Customers will be contacted when they are available.

Opening hours are 8.00 am – 6.00 pm, Monday – Friday during term time (closing at 5.00 pm in the holidays). Phone: 463 5515.

In addition Medical Books located in Newtown can be contacted to see if required text books are in stock:

Medical Books

173 Riddiford, St Newtown

PO Box 7389 Wellington South

Ph 0800 463325 or 04 3897592

Copies may also be obtained online from <http://www.fishpond.co.nz/> or <http://www.amazon.com/>

EXPECTED WORKLOAD

30 point courses in the Graduate School of Nursing, Midwifery & Health have an average workload of twelve hours per week. As this course is being taught over one trimester you can expect the workload to be approximately 24 hours per week.

WITHDRAWAL DATES

Information on withdrawals and refunds may be found at:

<http://www.victoria.ac.nz/home/admisenrol/payments/withdrawalsrefunds.aspx>

COURSE ORGANISATION

This course will be delivered in four blocks of two days over one trimester. The days will be a mix of lectures and small group activities.

As co-ordinator I am open to suggestions from you as to specific topics that you may find helpful. If given enough notice it is usually, but not always, possible to meet requests.

1st School – Block 1

Day 1: On being a student

Day 2: Information Library

2nd School – Block 2

Day 1: What is Research?
Day 2: Research Questions and Designs

3rd School – Block 3

Day 1: Research Designs
Day 2: Research Appraisal (Statistics)

4th School – Block 4

Day 1: Research appraisal (statistics)
Day 2: Research appraisal (non-statistical)

SCHOOL TIMETABLES

1ST SCHOOL

Dates: Monday 7 & Tuesday 8 March 2011
Times: 9am – 5pm daily
Venue: Horne Lecture Theatre, Level M, Ward Support Block (WSB), Wellington Regional Hospital, Riddiford St, Newtown, Wellington

2ND SCHOOL

Dates: Monday 4 & Tuesday 5 April 2011
Times: 9am – 5pm daily
Venue: Horne Lecture Theatre, Level M, Ward Support Block (WSB), Wellington Regional Hospital, Riddiford St, Newtown, Wellington

3RD SCHOOL

Dates: Monday 2 & Tuesday 3 May 2011
Times: 9am – 5pm daily
Venue: Horne Lecture Theatre, Level M, Ward Support Block (WSB), Wellington Regional Hospital, Riddiford St, Newtown, Wellington

4TH SCHOOL

Dates: Monday 30 & Tuesday 31 May 2011
Times: 9am – 5pm daily
Venue: Horne Lecture Theatre, Level M, Ward Support Block (WSB), Wellington Regional Hospital, Riddiford St, Newtown, Wellington

BLACKBOARD INFORMATION

Students enrolling for this course will need access to the VUW flexible learning system (Blackboard) via the Internet.

Blackboard is an online environment that supports teaching and learning at Victoria by making course information, materials and learning activities available online via the internet. Blackboard provides web-based access to course content, assessment, communication and collaboration tools. Instructions for using this will be provided as part of timetable during the 1st School. Students will need to be able to access the Internet on a regular basis.

The following software, which is necessary for using material on Blackboard, is freely available to download from the internet if you don't already have it:

- Netscape Communicator v 4.78 or higher (v. 7.1 recommended) OR
- Microsoft Internet Explorer v. 5.2.x or higher
- MS Windows 2000 or XP/ MacOS 9 or Mac OS X.2 or higher

Other software: Adobe Acrobat Reader - free download from <http://www.adobe.com/products/acrobat/>

Microsoft Office or Microsoft Viewers. The viewers can be downloaded free of charge from: <http://www.microsoft.com/office/000/viewers.asp>

Computer skills required:

- Internet browsing skills
- Basic word processing skills

How to log onto Blackboard

- Open a web browser and go to myVictoria.ac.nz
- Enter your account username which you can find in your *Confirmation of Study* sheet
- It is usually made up of 6 letters of your last name and 4 letters of your first name
- Enter your password. If you have never used Victoria computer facilities your initial password is your student ID number
- Click on the Blackboard icon
- Alternatively, if you want to access Blackboard without going through the myVictoria portal, just log on at <http://blackboard.vuw.ac.nz>

Off Campus access

Blackboard is available from any location where you can access the Internet. This may be your home, work or an Internet café.

Problems with access? Contact ITS service desk **04 463 5050**

MANDATORY COURSE REQUIREMENTS

In order to successfully complete this course you are required to attend all Schools unless under special circumstances prior arrangements have been made with the course coordinator.

Students must complete all pieces of assessment to pass the course. Lectures, tutorials, electronic and other distance learning resources, practical and fieldwork may all be an integral part of the learning experience and participation in such activities is regarded as necessary.

ACADEMIC INTEGRITY AND PLAGIARISM

Academic integrity means that university staff and students, in their teaching and learning are expected to treat others honestly, fairly and with respect at all times. It is not acceptable to mistreat academic, intellectual or creative work that has been done by other people by representing it as your own original work.

Academic integrity is important because it is the core value on which the University's learning, teaching and research activities are based. Victoria University's reputation for academic integrity adds value to your qualification.

The University defines plagiarism as presenting someone else's work as if it were your own, whether you mean to or not. 'Someone else's work' means anything that is not your own idea. Even if it is presented in your own style, you must acknowledge your sources fully and appropriately. This includes:

- Material from books, journals or any other printed source
- The work of other students or staff
- Information from the internet
- Software programs and other electronic material
- Designs and ideas
- The organisation or structuring of any such material

Find out more about plagiarism, how to avoid it and penalties, on the University's website:
<http://www.victoria.ac.nz/home/study/plagiarism.aspx>

USE OF TURNITIN

Student work provided for assessment in this course may be checked for academic integrity by the electronic search engine <http://www.turnitin.com>. Turnitin is an online plagiarism prevention tool which compares submitted work with a very large database of existing material. At the discretion of the Head of School, handwritten work may be copy-typed by the School and subject to checking by Turnitin. Turnitin will retain a copy of submitted material on behalf of the University for detection of future plagiarism, but access to the full text of submissions is not made available to any other party.

WHERE TO FIND MORE DETAILED INFORMATION

Find key dates, explanations of grades and other useful information at www.victoria.ac.nz/home/study. Find out how academic progress is monitored and how enrolment can be restricted at www.victoria.ac.nz/home/study/academic-progress. Most statutes and policies are available at www.victoria.ac.nz/home/about/policy, except qualification statutes, which are available via the Calendar webpage at www.victoria.ac.nz/home/study/calendar.aspx (See Section C).

Other useful information for students may be found at the website of the Assistant Vice-Chancellor (Academic), at www.victoria.ac.nz/home/about_victoria/avcacademic

Section 3: Assessment Information

Learning objectives are assessed within the courses assessment activities.

ASSIGNMENT SUBMISSION GUIDELINES

The ability to plan for and meet deadlines is a core competency of both advanced study and professional practice. Failure to meet deadlines disrupts course planning and is unfair to students who do submit their work on time. It is expected therefore that you will complete and submit assignments not later than the due date if submitted on Blackboard and well before the due date if submitted by post. Assignments may only be submitted by email if organised with the course coordinator. Some courses require that you access Blackboard and submit all assignments only through this site. Identification of these courses and assignments will be outlined by your course coordinator at your first School.

If ill-health, family bereavement or other personal emergencies prevent you from meeting the deadline for submitting a piece of written work or from attending class to make a presentation, you can apply to the course coordinator for an extension to the due date. Make sure that you keep a hard and/or electronic copy of your assignment until you have received feedback.

Extensions

An extension to a deadline will only be considered where there are extenuating circumstances. An application for an extension must be made by you in writing/e-mail to the course coordinator at least 24 hours before the due date. When communicating your request you must include the following information:

- Name, student number and contact details
- Course code
- Date of submission and request date for new submission
- Reason for extension request

Upon receipt of your request, course coordinators may grant an extension of up to 2 weeks. Any further request for an extension may require Head of School approval.

Submission

You must complete and submit your assignments by the due date and in the form specified by your course coordinator. In addition, check for the instructions for your particular assignment. If you are mailing your assignment it must be in the School no later than 5pm on the date of submission.

Late submission

Late assignments or assignments with extensions may be subject to delays in marking and may not receive comprehensive feedback.

A penalty will be incurred for late submission of work **where no prior arrangement** has been made as follows:

- Work submitted 7 days after the due date without an extension will receive a 2 grade penalty. For example a B+ to a B-.
- Work submitted 8-14 days after the due date without an extension will receive a 4 grade penalty. For example a B+ to a C-.
- Work submitted more than 15 days (or more) late without an extension will not be marked and will receive an 'E' (fail) grade.

Other marking penalties

Assignments may also be penalised for poor presentation and for exceeding the word limit or for being seriously under length.

Feedback

Student coursework assignments submitted by the due date will normally be returned with feedback within four weeks of the due date.

Grading

Grading is according to the University standard as follows:

85% - 100%	A+	60% - 64%	B-
80% - 84%	A	55% - 59%	C+
75% - 79%	A-	50% - 54%	C
70% - 74%	B+	40% - 49%	Fail D
65% - 69%	B	0 - 39%	Fail E

Receipt of assignments (hard copies)

Please ensure you complete an assignment cover sheet and attach it to the front of each assignment if you submit a hard copy assignment. Electronic copies do not require cover sheets. Assignment cover sheets will be available on the Blackboard site of your course under *Course Templates*. All hard copy assignments have to be sent to the course coordinator. If you want

your assignment sent back to you in hard copy, complete a self addressed and stamped envelope and attach it to the front of your assignment.

ASSIGNMENT WRITING: GUIDELINES FOR PRESENTATION AND FORMATTING

Presentation

Unless otherwise instructed, use APA referencing and formatting. For support with APA style, please consult the *Publication Manual of the American Psychological Association* (6th ed). You may also refer to the *Referencing the APA Style: A Brief Guide on* http://www.vuw.ac.nz/st_Services/slss/studyhub/reference/APA.pdf.

Finally, you can check <http://www.apastyle.org/> for other resources.

When submitting hard copy assignments:

- Fonts: Times New Roman, Arial, Calibri or Verdana only.
- Font size: 12.
- 1.5 line spacing.
- 2.5 cm margin all round.
- Assignments must be typed and printed clearly on one side of A4 size white paper only, with all pages fastened together by staple or secure clip.
- All pages should be numbered and should have a footer including the course code, assignment number and student ID number (left aligned), e.g. HLTH 512, Assignment 2, 300011122.
- Include a title page and an assignment cover sheet on top which is available on Blackboard under Course Templates.
- Appendices should only be included if these are indicated as acceptable in assignment instructions. These may include additional materials related to the text but not suitable for inclusion due to length or format. These are not marked or counted in the word limit, but should be clearly referred to as appropriate within the main text (e.g. see Appendix A).
- Do not use plastic sheets, clear files or folders, as these make it difficult for markers to handle.
- Please list the word count of your document.
- Ensure you keep a copy of your assignment for your records.

When submitting assignments on Blackboard:

- Use MS Word for all electronic submissions.
- Name your file using the naming strategy LASTNAME-FIRST INITIAL_COURSE CODE_ASSIGNMENT NUMBER_STUDENT NUMBER (Ex: PARONE-S_HTLT501_2_300011122).
- All pages should be numbered and should have a footer including the course code, assignment number and student ID number (left aligned), e.g. HLTH 512, Assignment 2, 300011122.
- Fonts: Times New Roman, Arial, Calibri or Verdana only.
- Fonts size: 12.
- Single spacing.
- Include a title page.
- Appendices should only be included if these are required by the lecturer. These may include additional materials related to the text but not suitable for inclusion due to length or format.

These are not marked or counted in the word limit, but should be clearly referred to as appropriate within the main text (e.g. see Appendix A).

- Ensure you keep a copy of your assignment for your records.

ETHICAL CONSIDERATIONS

The overall goal of the programmes in the Graduate School of Nursing, Midwifery and Health (GSNMH) is to assist students to advance their knowledge and practice. As much of the content for the course revolves around clinical practice and clinical education it is important to maintain clear and appropriate professional boundaries while undertaking study for this course.

Students are expected to ensure that:

- At all times they act within the boundaries of professional Codes of Conduct, professional standards, relevant legislative frameworks and the governance, rules and contracts of their employing organisation
- The work for this course does not constitute a formal research project and all information gathering must be clearly defined and remain within the student's professional boundaries
- They have regular contact with the course coordinator and raise any issues and concerns at the earliest possible time
- Where any particular person/patient/client is the subject of an assignment, verbal consent is obtained from the person/patient/client. If getting this consent is problematic, they discuss with the course coordinator how to proceed with the assignment
- Where any particular person/patient/client is the intended subject of an article or report, written consent is obtained from the person/patient/client. If getting this consent is problematic, they discuss with the course coordinator how to proceed with the article/report
- At no time in the course do they seek information from or apply interventions to patients/family/whanau that are beyond what is part of their scope and area of practice
- When recording practice-based information students maintain a high degree of ethical and moral comportment, with particular consideration of confidentiality and privacy issues when deciding what and how they record patient/ client information, and how they share practice experiences
- With regard to the confidentiality of practice-based information shared by peers within the context of the course, that they are guided by ethical considerations, their professional ethical Codes, and workplace and legislative requirements
- Colleagues and staff are treated with respect and consideration.

Should students have any concerns regarding their ability to fulfil requirements of the course assessments these must be discussed with the course coordinator. Similarly, if any issues arise in the context of completing course requirements these need to be discussed with the course coordinator.

Ethical approval from Victoria University of Wellington Human Ethics Committee has been obtained for courses at the Graduate School of Nursing, Midwifery & Health.

For additional information contact Dr Katherine Nelson, Ethics Convenor, GSNMH, kathy.nelson@vuw.ac.nz ph: 04 463 6138.

CONFERENCE & SCHOOL PRESENTATIONS

Students of the Graduate School of Nursing, Midwifery & Health are encouraged to present their work at professional conferences and as papers for publication. Students should discuss this with the course coordinator in the first instance. Dissemination of findings from academic work is a very important part of graduate education and assists clinical teams and professional groups to access up-to-date and new knowledge. Course coordinators will provide academic guidance in relation to the targeted activities, and also in relation to the proper academic processes of authorship and acknowledgement.

For all conference, professional and workplace presentations our VUW Power Point template should be used. You are also required to use this template for all school presentations as part of your assignment requirements. This template is available and can be accessed by those students using Blackboard or you can email: abbey.mcdonald@vuw.ac.nz for a copy of the template to be sent to you.

As a general rule, presentations and papers should cite yourselves as post-graduate students, and name the Graduate School of Nursing, Midwifery & Health as the organisation. In keeping with academic conventions course coordinators and for this paper academic advisors (the staff members who mark your work) who help with the ideas and preparation of the paper/presentation should be directly acknowledged or named as co-authors.

CONTINUOUS FORMATIVE ASSESSMENT

Assignment name: **Continuous Formative Assessment**

Due date: There are no due dates for these web-based activities.

These tests are not graded and will not form part of your final mark for this course.

Graduate students are expected to take responsibility for their own learning and be actively involved in their own development. These activities have been developed to assist in the development of your knowledge on research theory.

You are expected to complete a number of web based multiple choice tests located on Blackboard. You can do the tests as often as you like as the results will not form part of your final mark for this course. Your participation in the tests will be monitored. You will have to review the compulsory and suggested texts and articles for this course.

The tests are open book tests. This means that you can refer to the text during the test period. Instructions on how to answer the test questions will be made available on the test portal. The answers to the questions will be available immediately on completion of the tests and will therefore serve as an indicator of to what extent you have mastered the research theory.

Further information on these activities will be made available during the schools.

ASSIGNMENT NUMBER ONE

Assignment Name: **Search Strategy**

Due Date: Friday 25th March

Word limit: maximum 500 words + table or diagram

This assignment is worth 20% of your final grade.

Using a health or practice issue of your choice, develop a question and its concordant search strategy to answer your question.

Undertake this search strategy and describe how you refined your search and what you located.

Provide an initial assessment of the success of your search.

You may use a diagram or a table to describe the concepts incorporated in your search and your use of Boolean operators.

ASSIGNMENT NUMBER TWO

Assignment Name: **Design appraisal**

Due Date: Friday 13th May

Word limit: 2500 words

This assignment is worth 30% of your final grade.

Choose a topic of interest to you and then suggest three separate research designs which could be used to investigate the topic.

Describe the strengths and weaknesses of the three research designs and explain why and how they were suitable for answering the research questions to which they were applied.

Include, in a correctly presented reference list an illustration of an article for each design which has used each of the designs to investigate your selected topic. (There should be one article cited for each of the designs i.e. 3 articles in total).

ASSIGNMENT NUMBER THREE

Assignment Name: **Article critique**

Due Date: Friday 10th June

Word limit: 3000 words

This assignment is worth 50% of your final grade.

A health related scenario will be presented to you in class, along with a number of research articles addressing aspects of this scenario.

Evaluate the articles and describe how they advance your thinking on the scenario.

Describe what actions you would consider taking as a result and explain how the research supports your decision-making.