

CEE presents
How to do Research : Seminar and Web Workshop

ABOUT THIS COURSE

If you have ever asked yourselves any of the questions below, this course is for you:

1. Why do research? What is not research? What is research? What is good research? What types of research can I do? Do I have the characteristics of a researcher? How should I start?
2. How important are notes? How do I keep my notebook?
3. How do I form hypotheses? What is an hypothesis? How do I use creative thinking? What is my research question? How do I refine my research statement? How will divide and conquer help me?
4. What is data? How do I decide my data?
5. How do I design my research? How do I select my method? What are the tools of research?
6. How shall I write my proposal? What is a Project Proposal? What is the outline of a Project Proposal?
7. How do I choose my a supervisor? What are my supervisor's duties? What are mine?
8. How can I get funding?
9. How is the merit of my work judged? How do criteria for a masters or a PhD research differ?
10. What are the ethics of research? How do I read research?
11. How do I write my research? How do I start writing? How can I publish in journals? What is the structure of a paper? How must I not write? What is the structure of a thesis?
12. How do I use the Web for Research? (workshop). Where do I start to get easy access? How can I become more effective in doing my searches? How can I avoid spending excessive time on the Web? Why can't I just go to one place and **find** what I need? How can I avoid picking up rubbish on the Web? What powerful tools are there? What shortcuts are there? What exercises can I do?

WHAT ARE THE OBJECTIVES OF THE COURSE?

Are you uncertain of what research entails or how to go about it? To prepare a thesis, to read or write research or to manage research staff, it is essential for you to understand the fundamentals of searching, researching and writing research. In this multi-disciplinary, practical course, the scientific method of doing and writing research is explained. The course covers literature searches, keeping notes, creative problem formulation and solving, characteristics and types of research, research planning, the research proposal, tools of research, the hypothesis, data collection, analysis and interpretation, characteristics of good research and completing the final report or thesis. Time is allocated for individual aid in formulating, focusing and investigating the delegate's research question.

WHO SHOULD ATTEND?

Students starting under-graduate or post-graduate masters and doctoral research

projects; Staff seeking direction on supervising research.

WHY SHOULD YOU ATTEND?

- * Extremely informative and well structured. Malesela Latsoalo (Science Education)
- * Excellent. Mpho Mokoena (Town and Regional Planning)
- * The course was fruitful and challenging. MR Manamela (Management in Education)
- * It is appropriate and relevant for the New SA. (Economic Development delegate)
- * I think it is an excellent course, very informative and a necessity to every serious-minded researcher. M. Tkekana (Theology)
- * I especially liked the practical hints e.g. the writing up of the research. (Social worker)
- * Very good and motivating. Leonora Kruger (Psychology)
- * I have learned a lot. TM Mohlala (Drama & Film)

Feedback on the workshop material:

- * Excellent (T.Pitre)
- * Extremely helpful (Yenlin Stella Loh)
- * Very helpful (Nor Anisah Abdul Malek)
- * Very informative (Jennie Vicencio)

WHO IS PRESENTING THE COURSE AND WORKSHOP?

PROF IAN G. KENNEDY has enthusiastically conducted courses in **How to do Research** since 1990. In 1998 he was appointed a visiting professor to the University of Cape Town. He has served as an external examiner of postgraduates at each of the four largest residential universities in the country, and has been engaged in the international accreditation of departments at six universities.

DATE AND VENUE

October 28-30 1999 (**PLEASE NOTE: 30 October is a Saturday**)

Computer Laboratory
Chamber of Mines Engineering Building
West Campus, University of the Witwatersrand
Johannesburg

FEEES

Fee for attendance, typeset lecture notes on disk, teas, lunches: R 1 400

CAN YOU TAILOR THE COURSE AND / OR WORKSHOP FOR MY AUDIENCE AND VENUE?

Yes, the course and workshop may be run in-house. E-mail inquiries about the in-house course to: i.kennedy@ee.wits.ac.za

Such courses have been held for Translators and Interpreters, Public Administration & Development lecturers, Information Systems and Business School graduates, Financial company, Electrical Engineers, Electricity Supply Commission.