

INTRODUCTION TO RESEARCH – SCHEDULE 2014

| DATES | TOPICS | DUE DATES | READING ASSIGNMENTS |
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| | The Teacher as a Researcher | | |
| Week 1 | <ul style="list-style-type: none"> - Epistemology - Definitions of research - Misconceptions about research - Reasons for engaging in research - Essential attitudes, values, skills and dispositions essential to the research process - Technical and ethical principles underpinning research | | Leedy, P. |
| | <ul style="list-style-type: none"> - What is Educational Research? - Factors, issues and trends influencing educational research - Reflection as a key to understanding classroom interactions - Reflection as a strategy in the classroom | | McIntyre, D.S. O’Hair, M. (1996). The Reflective roles of the classroom teacher Hubbard R.S. and Powers, B.M. (2003). The art of classroom inquiry |
| Week 2 | <ul style="list-style-type: none"> - Overview of the research process: chapters in your research - Technical and ethical principles underpinning research - Methods and Types of research - Focus on action research | Reflective journal entry One | Data driven inquiry (article) Cresswell (2008) Gay, L.R. (2009) Leedy, Ormrod & Ellis (2010) |
| | <ul style="list-style-type: none"> - Methods and Types of research - Research designs: Quantitative and Qualitative - Focus on action research | | |
| Week 3 | Workshop Session <ul style="list-style-type: none"> - Your action research - Definition of key concepts: variables, hypotheses, purpose, background, significance, operational definitions, sub-problems, sub-questions, limitation, delimitation, validity and reliability - Technical and ethical principles underpinning research | Reflective journal entry Two | Data Driven Enquiry (article) |
| | <ul style="list-style-type: none"> - The teacher as a researcher - Who is the teacher researcher? - The importance of being a teacher researcher - The skills and attitudes of the emergent researcher | | |
| Week 4 | <ul style="list-style-type: none"> - The scientific research process - Advantages and limitations of the scientific research process - Inductive and deductive reasoning - Technical and ethical principles underpinning research | | Data driven inquiry (article) |

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| | Workshop Session The basic elements in writing a research <ul style="list-style-type: none"> • Identification of the research problem • Sampling • Background to the problem | | Action Research Cycles (article) |
| Week 5 | The basic elements in writing a research <ul style="list-style-type: none"> • Purpose of the study • Significance of the study • Research questions | Reflective journal entry three | Action Research Cycles (article) |
| | <ul style="list-style-type: none"> - The literature review process - Primary and secondary sources - The teacher as researcher - Technical and ethical principles underpinning research | | Action Research ROL Steps Guide (article) |
| Week 6 | <ul style="list-style-type: none"> - The literature review process - Preparing an annotated bibliography - The teacher as researcher | Reflective journal entry four | Action research cycles (article) |
| | <ul style="list-style-type: none"> - Development of action plans | | What is the action research process? (article) Cresswell (2008) Gay (2009) |
| Week 7 | <ul style="list-style-type: none"> - Methods and instruments of data collection - The teacher as researcher | Reflective journal entry five | What is action research? (article) Cresswell (2008) Gay (2009) |
| | <ul style="list-style-type: none"> - Methods and instruments of data collection - Technical and ethical principles underpinning research - Analysis of Action plans - The teacher as researcher | | What is action research? (article) Cresswell (2008) Gay (2009) |
| Week 8 | <ul style="list-style-type: none"> - Creating and analyzing data collection instruments | | |
| | <ul style="list-style-type: none"> - Data analysis and Presentation | | What is the action research process? (article) |

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| | | | Cresswell (2008) Gay (2009) |
| Week 9 | - Presentation of research projects | Summative Presentations | Seven Steps to presenting your research (article) |
| | - Presentation of research projects | Summative Presentations | Seven Steps to presenting your research (article) |
| Week 10 | - Presentation of research projects | Summative Presentations | Seven Steps to presenting your research (article) |
| | - Summation of the course | | |

Due dates for assignments:

- ❖ Reflective task will be due and submitted on a **weekly basis**
- ❖ Presentations are scheduled to begin on **April 9, 2014**.
- ❖ Research proposals are due on **May 5, 2014**.

Failure to submit assigned on or before the assigned date and time will result in a penalty of 5%.

Assignments taken in later than five working days after the due date **WILL NOT** be accepted.