

Information sheet for the course Fundamentals of Research I.

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of Health Care</i>	
Course unit code: <i>ZV1/e</i>	Course unit title: <i>Fundamentals of Research I.</i>
Type of course unit: <i>compulsory</i>	
Planned types, learning activities and teaching methods: <i>Lecture: 1 hour weekly/13 hours per semester of study; full-time;</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>5th semester in the 3rd year (part-time)</i>	
Degree of study: <i>I (bachelor)</i>	
Course prerequisites: <i>none</i>	
Assessment methods:	
Terms of completing the course	
Activities	Number of points
Written test examination	100
total	100
<i>Score</i>	
100 - 93 %	A
92 - 85 %	B
84 - 77 %	C
76 - 69 %	D
68 - 61 %	E
60 - 0 %	FX
Learning outcomes of the course unit:	
<ol style="list-style-type: none"> 1. <i>DEFINE fundamentals of research.</i> 2. <i>IDENTIFY the types of research.</i> 3. <i>JUSTIFY the importance and ethical aspects of research.</i> 4. <i>COMPARE phase of the research.</i> 5. <i>EXPLAIN methods of the research.</i> 	
Course contents:	
<ol style="list-style-type: none"> 1. <i>Research and objective reality, scientific theory, characteristics of science, meaning and goals of research, the history of research, ethical aspects of research.</i> 2. <i>Classification of research according to research methodology, to the results, to the survey sample, to a scientific objective, to degree of complexity and duration of the research.</i> 3. <i>The conceptual phase of research - the choice of topic, research problem, research objectives, research hypotheses, variables, research sample the choice of methodology, research organization.</i> 4. <i>Empirical and analytical research phase. Distribution of results.</i> 5. <i>The research methodology - validity and reliability of the research instrument.</i> 6. <i>The research methods – observation and interview.</i> 7. <i>The research methods – content analysis of documents, experiment.</i> 8. <i>The research methods - case study.</i> 9. <i>The research methods – questionnaire.</i> 10. <i>Analysis of results - descriptive statistics.</i> 	

11. *Qualitative study.*
12. *Publication and presentation of research results.*
13. *EBP - Evidence-based practice.*

Recommended of required reading:

1. FARKAŠOVÁ, D. et al. 2006. *Výskum v ošetrovatel'stve.* Martin: Osveta, 2006. 87 s. ISBN 80-8063-228-6
2. GAVORA, P. a kol. 2010. *Elektronická učebnica pedagogického výskumu.* [online]. Bratislava : Univerzita Komenského, 2010. Dostupné na: <http://www.e-metodologia.fedu.uniba.sk/> ISBN 978-80-223-2951-4.
3. PUNCH, F. K., 2008. *Základy kvantitatívneho šetření.* Praha: Portál, 2008. 152 s. ISBN: 8073673819
4. HENDL, J. 2012. *Kvalitatívni výzkum.* Praha: Portál, 2012. 545 s. ISBN: 9788026202196.

Language: *Slovak*

Remarks: *none*

Evaluation history: *Number of evaluated students*

A	B	C	D	E	FX

Lectures:

doc. MUDr. Ján Bielik, CSc.

PhDr. Nikoleta Poliaková, PhD.

Last modification: *22.4.2014*

Supervisor: *doc. MUDr. Juraj Čelko, PhD.*