

## Information sheet for the course Fundamentals of Research I.

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

10. *Analysis of results - descriptive statistics.*
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. Jana Slobodníková, CSc.*