Information sheet for the course
Bachelor seminar - Applied research II.

University: *Alexander Dubček University of Trenčín*

Faculty: *Faculty of Health Care*

Course unit code: *AV2/d*	**Course unit title:** *Bachelor seminar - Applied research II.*

Planned types, learning activities and teaching methods:
Seminar: 1 hour weekly/13 hours per semester of study; full-time
Supervised practical output: 10 hour weekly/ 130 hours per semester of study;

Number of credits: 8

Recommended semester: *6th semester in the 3rd year (part-time)*

Degree of study: *I (bachelor)*

Course prerequisites: *Bachelor seminar - Applied research I.*

Assessment methods:
The student will acquire 50 points per semester:

- *Active participation in the exercises.*
- *Presentation of seminar work (50 points).*

To obtain the user and must be obtained at least 48 points, to obtain user B at least 44 points on the C rating of at least 41 points to score at least 38 points D and E score at least 35 points.

Learning outcomes of the course unit:
The student has the knowledge and practical skills in the process of scientific work. He knows formally part of scientific work, you can set hypothesis, objectives, and can choose a suitable methodology work (case report, survey). Results can handle the basic statistical level (arithmetic mean, median, standard deviation) and graphically recorded using MS Excel. Can lead a discussion to formulate results-oriented work and present results using the MS Power Point. Learned knowledge can be applied in practice.

Course contents:
Exercises:

1. *The collection of literature - publications for writing scientific work.*
2. *Determination of hypotheses, objectives and tasks of scientific work.*
3. *Selection of the appropriate file for purposes of scientific work, control file.*
4. *Basic methods (case report / survey) and the choice of an appropriate methodology for achieving the objectives of scientific work.*
5. *Fundamentals of Statistics (calculating the arithmetic mean, median determination and the determination of the standard deviation), practical training.*
6. *Graphic processing results in MS Excel, practical training.*
7. *Procedure for establishing the case study and its evaluation, practical training.*
8. *Evaluation of hypotheses, creating discussion and conclusion, practical training.*
9. *Preparation of presentation of results in MS Power Point, practical training.*
10. *Presentation of the results of scientific work and use them for practice.*
11. *The Council for the defense of scientific work.*

Supervised practical output - *to provide empirical part of the final work.*

Recommended of required reading:

1. *KATUŠČÁK, D. Ako písať záverečné a kvalifikačné práce. 2007. 4. vyd. Nitra: Enigma, 2007. 162 p. ISBN 978-80-89132-45-4.*
2. *MEŠKO, D., KATUŠČÁK , D., FINDRA, J. et al. Akademická príručka. 2005. 2. vyd. Martin, Osveta, 2005. 496 p. ISBN 80-8063-200-6.*

3. *RYBÁROVÁ, Ľ., BAČIŠINOVÁ, J., RYBÁROVÁ, D. Metodika písania bakalárskej práce. 2006. 1. vyd. Martin, Osveta, 2004. 58 p. ISBN 80-8063-204-9.*

Language: *Slovak*

Remarks:

Evaluation history:

A	B	C	D	E	FX

Lectures:
Mgr. Ján Kotyra, PhD.
PhDr. Iveta Matišáková, PhD.
prof. MUDr. J. Vomela, CSc. LL.M

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