

Subject information sheets arranged in the sequence of compulsory, compulsory optional and optional subjects according to the recommended study plan of the full-time study form

Study program: **Didactics of technical professional subjects**

Field of study: **Teaching and pedagogical sciences**

Degree of study: **Third**

List of subjects

Compulsory subjects

Dissertation exam

Dissertation project

Educational psychology

Innovations in union technical specializations

Methodology of pedagogical research

Modern directions in didactics

Defence of the dissertation

Technology and humanization

Theory and policy of vocational education

Research in union didactics

Compulsory electives and optional subjects

Current issues of school management

College didactics

ICT in vocational education

Neurodidactic aspects of education

Professional education and the labour market

Development of critical and creative thinking

Membership in the organizing committee of the conference

Published paper from the domestic scientific conference

Published contribution from a foreign scientific conference

Participation in the solution of the research project

Scientific text in domestic publications of category A

Scientific text in foreign publications of category B

Performance of the specified pedagogical activity

SUBJECT INFORMATION SHEET

| | | | | | | |
|---|-----|---|----|----|----|--|
| University: DTI University | | | | | | |
| Faculty: | | | | | | |
| Subject code: DTPP-101 | | Subject name: Dissertation exam | | | | |
| Type, scope and method of educational activities Subject type (P, PV, V): P Recommended scope of teaching P-S-C/L: Study method: Form of study: full-time | | | | | | |
| Number of credits: 10 | | | | | | |
| Recommended semester of study: 3. | | | | | | |
| Degree of study: 3rd | | | | | | |
| Conditional subjects: they are not | | | | | | |
| Conditions for passing and completing the course: Method of evaluation and completion of study of the subject: state examination Interim evaluation: -Final evaluation: Positive evaluation of the written work by the opponent and its recommendation for defense. Successful defense of the written work. | | | | | | |
| Learning outcomes (performance standard): The student demonstrates the ability to create and defend a methodology for solving a dissertation through the defense of a written work for the dissertation exam, thus demonstrating orientation in the problem being solved, presenting its current state based on theoretical starting points and presenting the aim of his scientific research activity. | | | | | | |
| Brief outline of the subject (content standard): The defense of the written work for the dissertation exam is public. Its course is usually as follows: - opening, - presentation of a doctoral student, - the doctoral student's presentation of the content of the written work with an emphasis on a detailed description of the research purpose of the dissertation, including the expected contribution to the development of professional didactics (didactics of technical professional subjects), - presentation of the opponent's review and trainer's statement, - the doctoral student's opinion about the comments of the opponent and supervisor, - - discussion. | | | | | | |
| Recommended literature: | | | | | | |
| Language, which is necessary to pass the course: Slovak language | | | | | | |
| Evaluation of subjects Total number | | | | | | |
| A | B | C | D | E | FX | |
| 64% | 18% | 18% | 0% | 0% | 0% | |
| Notes - student's time: 300 hours consultation: 10 hours self-study and exam preparation: 290 hours | | | | | | |
| Teacher prof. PaedDr. Ing. Roman Hrmo, PhD., MBA language: Slovak | | | | | | |
| Date of last change: 30th June 2022 | | | | | | |

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|---|--|
| University: DTI University | |
| Faculty: | |
| Subject code: DTPP-102 | Subject name: Dissertation project |
| Type, scope and method of educational activities Subject type (P, PV, V): P Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | |
| Number of credits: 10 | |
| Recommended semester: 5. | |
| Degree of study: 3rd | |
| Prerequisite subjects: Dissertation exam | |
| Conditions for completing the subject: Method of evaluation and completion of study of the subject: credit Interim evaluation: - Final evaluation: based on project work The student will design and apply a new methodology, or make a solution to a research problem in the required scope. In order to obtain a credit and to assign credits, it is necessary to achieve at least 51 points out of 100 in the project work. To obtain an evaluation A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points, E: 60-51 pointsa. | |
| Learning outcomes (performance standard): After successfully completing the course, the student will acquire the following knowledge and skills: - create a methodology for solving the dissertation, - to defend the methodology of solving the dissertation, - - present the results of work on the project. | |
| Brief outline of the subject (content standard): 1.-11. Processing of documents for the solved research problem and preparation of documentation for the implemented solution in the scope of at least 30 pages. 12. Presentation of the results at the workplace seminar. | |
| Recommended literature: 1. ANDĚL, J. Statistické metody. Praha : MATFYZPRESS, 1993. ISBN 978-80-269-3279-2. 2. BENČO, J. Metodológia vedeckého výskumu. Bratislava: IRIS, 2001. ISBN 80-89018-27-0. 3. BRINCKOVÁ, J. Základy štatistiky v štúdiu pedagogiky a sociálnej pedagogiky. Žilina: EDIS, 2006. ISBN 80-8084-022-9. 4. COCHRAN-SMITH, M. - ZEICHNER, K.M. Studying Teacher Education: The Report of the AERA Panel on Research and Teacher Education. New Jersey: Routledge 2005. ISBN 978-80-89400-99-7. 5. Ďalšie tituly určené školiteľom v závislosti na téme dizertačného projektu. 6. Elektronická učebnice štatistiky. Dostupné na http://www.statsoft.cz/podpora/elektronicka-ucebnice-statistiky/ 7. FILKORN, V. Povaha súčasnej vedy a jej metódy. Bratislava: Veda, 1998. ISBN 978-80-89400-99-7. 8. GAVORA, P. Sprievodca metodológiou kvalitatívneho výskumu. Bratislava: Regent, 2006. ISBN 978-81-238-3279-4. 9. GAVORA, P. Výskumné metódy v pedagogike. Bratislava: UK, 1996. ISBN 80-89085-71-7. 10. HENDL, J. a kol. Kvalitatívny výskum. Praha: Portál, 2005. ISBN 978-81-248-3479-5. 11. HENDL, J. Přehled statistických metod. Praha: Portál, 2009. ISBN 80-227-1519-0. 12. JUSZCZYK, S. Metodológia empirického výskumu v spoločenských vedách. Bratislava: IRIS, 2006. 138 s. ISBN 80-89018-13-0. | |

13. KATUŠČÁK, D. Ako písať záverečné a kvalifikačné práce: ako písať bakalárske práce, diplomové práce, dizertačné práce. Nitra: Enigma, 2007. ISBN 978-80-89132-45-4.
14. NORTON, L.S. Action Research in Teaching and Learning: A Practical Guide to Conducting Pedagogical Research in Universities. New York: Routledge 2009.
15. OCHRANA, F. Metodologie vědy: Úvod do problému. Praha: Karolinum, 2009. 156 s. ISBN 987-80-246-1609-4.
16. ONDREJKOVIČ, P. Úvod do metodológie spoločenskovedného výskumu. Bratislava: VEDA, 2007. ISBN 80-2240-970-4.
17. SILVERMAN, D. Ako robiť kvalitatívny výskum. Bratislava: Ikar. 2005. ISBN 978-80-269-3279-2.
18. STN 016910, STN ISO 2145, STN ISO 690.
19. STN ISO 690: Dokumentácia – Bibliografické odkazy – Obsah, forma, štruktúra. Slovenský ústav technickej normalizácie, Bratislava 1998.
20. ŠVEC, Š. a kol. Metodológia vied o výchove. Bratislava: Iris, 1998. ISBN 978-80-89400-99-7.
21. TUREK, I. Ako písať záverečnú prácu. Bratislava: Metodické centrum v Bratislave. 1999.
22. TUREK, I. Úvod do metodológie pedagogického výskumu. Bratislava: KIP TU, 2003. ISBN 978-80-8069-895-9.
23. Učebnice a skriptá z odboru.

Language, which is necessary to pass the course: Slovak language

Notes - student's time: 300 hours
combined study (consultations): 10 hours
project preparation, self-study: 290 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|----|----|----|----|----|----|
| 0% | 0% | 0% | 0% | 0% | 0% |

Teacher

prof. PaedDr. Tomáš Lengyelfalusy, PhD.
 doc. PhDr. PaedDr. Slávka Krásna, PhD., Ph.D.
 doc. PhDr. Viola Tamášová, CSc.
 doc. PhDr. Ladislav Zapletal, CSc.
 Language: Slovak

Date of last change: 30 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|---|--|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-103 | Name: Educational psychology |
| Type, scope and method of educational activities Subject type (P, PV, V): P Recommended scope of teaching P-S-C/L: 2-0-0-0 / week Study method: combined Form of study: full-time | |
| Number of credits: 10 | |
| Recommended semester: 1. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the subject: Method of evaluation and completion of study of the subject: exam Continuous evaluation: participation in compulsory education Final evaluation: based on the exam. Attending lectures. Elaboration of a seminar work in the range of 5-10 pages on a topic determined and related to the issue. In the case of a dissertation on educational psychology, the development of a part of the theory for the dissertation. In order to receive a rating and to be awarded credits, it is necessary to achieve at least 51 points out of 100 in the exam. To receive a rating A: 100-91 points, B: 90-81 points, C: 80-71 points, D: 70-61 points, E : 60-51 points. | |
| Learning outcomes (performance standard): Based on lectures and self-study, the student should master, theoretically know, the concepts of educational psychology, its definition. He should understand the processes of education in the emotional, motivational, communication, socialization, value, self-regulation and creative areas. In practice, based on the theory and methodology of educational psychology, he should be able to implement and evaluate the mentioned educational programs, including preventive programs. | |
| Brief outline of the subject (content standard): 1. Concept of educational psychology 2. Theories of educational psychology 3. Cognitive, meta-cognitive and non-cognitive personality development 4. Emotional Education 5. Motivational education 6. Socialization education 7. Conversation, communication in education 8. Value, axiologising education 9. Self-regulation 10. Education for Creativity 11. Resilience and positive psychology 12. Self-concept | |
| Recommended literature: 1. ANDERSON, L. W. – KRATHWOHL, D. R. et al. A Taxonomy for Learning, Teaching and Assessing : A Revision of Bloom’s Taxonomy of Educational Objectives. New York: Longman. 352 s. 2001. ISBN 0-321-08405-5. 2. BRATSKÁ, M. Pedagogická psychológia. Bratislava: SPN. 1997. ISBN 80-08-02498-4. 3. British Journal of Educational Psychology. ISSN 0007-0998. 4. ČÁP, J. - MAREŠ, J. Psychologie pro učitele. Praha: Portál. 2001. ISBN 80-7178-463-X. 5. ĎURIČ, L.- GRÁC, J. – ŠTEFANOVIČ, J. Pedagogická psychológia. Bratislava: SPN, 1991. ISBN978-80-89400-31-7. | |

6. GÁBOROVÁ, L. Nondirektívny prístup vo výchove a vzdelávaní. Prešov: Prešovská univerzita, Fakulta humanitných a prírodných vied, 2002. Druhé doplnené a prepracované vydanie. 97 s. ISBN 80-8068-114-9.
7. GRÁC, J. Kapitoly edukačnej psychológie. Trnava: TUT, 2009. ISBN 978-80-8082-234-7.
8. HVOZDÍK, S. Kapitoly zo školskej psychológie. I.,II. Prešov: Filozofická fakulta Prešovskej Univerzity v Prešove. 2006. ISBN 80-08-08830-0.
9. JURČOVÁ, M. Tvorivosť v každodennom živote a vo výskume, IRIS, Bratislava, 2009, ISBN 978-80-89256-42-6.
10. MAREŠ, J. Pedagogická psychológia. Praha: Portál, 2013. ISBN 978-80-262-0174-8.
11. MATĚJČEK, Z. Psychologie nemocných a zdravotně postihnutých dětí. Praha: H+H Vyšehradská, 2001, 151 s. ISBN 978-80-88870-95-1.
12. POŽÁR, L. Psychológia postihnutých (Patopsychológia). Bratislava: Retaas 2007. ISBN 80-913-21-4.
13. ROZVADSKÝ GUGOVÁ, G. a kol.: Edukácia akcentujúca docenenie mozgu. Dubnický technologický inštitút v Dubnici nad Váhom, 2013, 101 s. ISBN 978-80-89400-62-1.
14. ROZVADSKÝ GUGOVÁ, G. Neurodidaktika a edukácia. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-82-867-330-46.
15. ROZVADSKÝ GUGOVÁ, G. Patopsychológia. Dubnický technologický inštitút v Dubnici nad Váhom. MiF s.r.o. Dubnica nad Váhom. 2015. -162 s.- ISBN 978-80-89732-63-0.
16. ROZVADSKÝ GUGOVÁ, G. Všeobecná psychológia. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-85-867-430-56.
17. SEIFERT, K. – SUTTON, R. Educational psychology. 373 s. [online], dostupné na internete <<http://www.saylor.org/courses/psych303/>>
18. SLAVIN, R. E. Educational Psychology: Theory and Practice. 9.th edition. Boston: Mass Pearson, 572 s ISBN9780137034352.
19. Tematické články z časopisu Psychológia a patopsychológia dieťaťa a ďalších časopisov a zborníkov.
20. VALIHOROVÁ, M.- GAJDOŠOVÁ, E. Kapitoly zo školskej psychológie. Banská Bystrica: Univerzita Mateja Bella. 2009. ISBN 978-80-8083-817-1.
21. VENDEL, Š. Pedagogická psychológia. Bratislava: Mračko. 2007. ISBN 9788080577100.
22. ZELINA, M. Stratégie a metódy rozvoja osobnosti dieťaťa. 3. vydanie. Bratislava: IRIS, 2011. ISBN 978-0-07-802942-4.

Language, which is necessary to pass the course: Slovak language

Notes - student's time : 300 hours

combined study (lectures, seminars, consultations): 26 hours

seminar paper preparation, self-study and exam preparation: 274 hours

Evaluation of subject

| A | B | C | D | E | FX |
|-----|-----|----|----|----|-----|
| 54% | 18% | 8% | 0% | 2% | 18% |

Teachers:

prof. PhDr. Miron Zelina, DrSc.

doc. PhDr. Slávka Čepelová, PhD.

Language: Slovak language

Date of last change: 30 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|---|--|
| University: DTI University | |
| Faculty | |
| Code: DTPP-104 | Name: Innovations in union technical specializations |
| Type, scope and method of educational activities | |
| Subject type (P, PV, V): P | |
| Recommended scope of teaching P-S-C/L: 2-0-0-0 / week | |
| Study method: combined | |
| Form of study: full-time | |
| Number of credits: 10 | |
| Recommended semester: 2. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the subject: | |
| Method of evaluation and completion of the study of the subject: exam | |
| Continuous evaluation: participation in compulsory education | |
| Final evaluation: semester paper | |
| To obtain a grade and assign credits, it is necessary to achieve at least 51 points out of 100 on the exam. To obtain an A grade: 100-91 points; B: 90-81 points; C: 80-71 points; D: 70-61 points; E: 60-51 points. | |
| Learning outcomes (performance standard): | |
| The student will gain an overview of innovations in the areas of the component base, modern materials, electronic devices, semiconductor converters, and electrical machines, as well as measuring instruments and their use. He should also understand their potential opportunities when studying professional, especially in electrical engineering subjects. | |
| Brief outline of the subject (content standard): | |
| <ol style="list-style-type: none"> 1. Use of computer peripherals and their equipment, trends in their rational innovation from the point of view of performance, reliability and reduction of energy consumption. 2. The development of sound and image processing, and the importance of the transition to digital technologies. 3. Progress in the field of electrotechnical, electronic, semiconductor and magnetic materials. 4. New passive and active components for electronic and power applications. 5. Innovative trends in the field of electronics, power electronics and their applications. 6. New methods of cooling electrical and electronic devices. 7. Modern directions of development of electrical machines and drive systems. 8. Innovations in the field of production, conversion and efficient use of electrical energy. 9. New measuring instruments, oscilloscopes, analyzers, their meaning, use and benefit. Computer-aided measurement systems, remote measurement systems. 10. Electromagnetic compatibility and reliability of modern devices. 11. Simulation tools and their use in technical fields. 12. Modern sources of technical and company information, meaning from the point of view of an expert and an ordinary user. | |
| Recommended literature: | |
| <ol style="list-style-type: none"> 1. CALLISTER, W. D. <i>Materials Science and Engineering</i>. 8th Edition SI version, Wiley publisher, 2010. ISBN 978-0-470-50586-1. 2. <i>Frontiers of engineering. Reports on Leading-Edge Engineering from the 2012 Symposium</i>. The National Academies Press, Washington, D.C., 2013. 169 s. ISBN 0-309-31281-7. 3. GUTTEN, M., et al. <i>Meranie a meracie systémy I. Prístroje a systémy</i>. Žilina, Žilinská univerzita, Edis, 2012. ISBN 978-80-554-0583-4. | |

4. GUTTEN, M. - KORENČIAK, D. *Meranie a meracie systémy II. Laboratórne metódy*. Žilina, Žilinská univerzita, Edis, 2012. ISBN 978-80-554-0584-1.
5. HASHMI S. *Comprehensive Materials Processing*. 13 Volume set. 1st Edition. Elsevier Academic press, 2014. ISBN 978-0-08-096532-1.
6. NISE, N. S. *Control Systems Engineering*. 6th edition International student version. Wiley publisher, 2011. ISBN 978-0-470-64612-0.
7. VAN WULFEN, G. *The Innovation Expedition: A Visual Toolkit to Start Innovation*. The Interaction Design Foundation, 2013. ISBN 978-8792964076.
8. VÁRKOLY, L. – KIELTYKA, L. *Možnosti použitia PC a počítačových sietí. Možnosti wykorzystania PC oraz sieci komputerowych*. Dubnica nad Váhom: Dubnický technologický inštitút, 2010. ISBN 978-80-89400-11-9.
9. WENBING, S. *Computational Intelligence in Aerospace Engineering*. 1st Edition. Elsevier Academic press, 2014. ISBN 978-0-12-407714-0.

Language which is necessary to pass the course: Slovak language

Notes - student's time: 300 hours

combined study (lectures, seminars, consultations): 26 hours

creation of term papers, self-study and exam preparation: 274 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|-----|-----|----|----|-----|
| 51% | 14% | 10% | 0% | 0% | 25% |

Teacher:

prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

doc. Ing. Peter Kováčik, PhD.

Language: slovak language

Date of last change: 30 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|---|---|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-105 | Name: Methodology of pedagogical research |
| Type, scope and method of educational activities | |
| Subject type (P, PV, V): P | |
| Recommended scope of teaching P-S-C/L: 2-0-0-0 / week | |
| Study method: combined | |
| Form of study: full-time | |
| Number of credits: 10 | |
| Recommended semester: 2. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: | |
| Method of evaluation and completion of the study of the subject: exam | |
| Continuous evaluation: participation in compulsory education | |
| Final assessment: semester paper | |
| The student will prepare a semester thesis in the form of literary research, which will be the starting chapter for the dissertation. | |
| To receive a rating and assign credits, it is necessary to achieve at least 51 points out of 100 in the exam. | |
| To receive a rating A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points, E: 60-51 points. | |
| Learning outcomes (performance standard): | |
| After successfully completing the course, the student will acquire the following knowledge and skills: | |
| <ul style="list-style-type: none"> - describe basic research methods and techniques, - implement research methods and techniques in solving specific research problems, - characterize the current state in the field of methodology of educational sciences, - plan, organize and evaluate research in the didactics of technical professional subjects. | |
| Brief outline of the subject (content standard): | |
| 1. Concept of the methodology of educational sciences. | |
| 2.-3. Quantitative and qualitative methodologies of educational sciences. | |
| 4. Types of educational research. | |
| 5.-6. Planning and process of quantitative research. | |
| 7. Measurement and scales in educational sciences. | |
| 8.-9. Validity and reliability of research. | |
| 10. Bibliographic references in research. | |
| 11.-12. Knowledge of the current state of the problem (literary research). | |
| Recommended literature: | |
| 1. AERA Panel on Research and Teacher Education. New Jersey: Routledge 2005. ISBN 80-05-00759-0. | |
| 2. Ďalšie tituly určené školiteľom v závislosti na téme dizertačného projektu. | |
| 3. FILKORN, V. Povaha súčasnej vedy a jej metódy. Bratislava: Veda, 1998. ISBN 80-7300-125-X. | |
| 4. GAVORA, P. Sprievodca metodológiou kvalitatívneho výskumu. Bratislava: Regent, 2006. ISBN 80-88904-46-3. | |
| 5. GAVORA, P. Tvorba výskumného nástroja pre pedagogické bádanie. Bratislava: SPN. 2012. ISBN 978-80-10-02353-0. | |
| 6. GAVORA, P. Úvod do pedagogického výskumu. Bratislava: UK, 2008. ISBN 80-223-2391-8. | |
| 7. GAVORA, P. Výskumné metódy v pedagogike. Bratislava: UK, 1996. ISBN 80-86706-08-7. | |

8. GAVORA, Peter a kol. Elektronická učebnica pedagogického výskumu. [online]. Bratislava: Univerzita Komenského, 2010. Dostupné na <http://www.e-metodologia.fedu.uniba.sk/> ISBN 978-80-223-2951-4.
9. HENDL, J. a kol. Kvalitatívny výskum. Praha: Portál, 2005, ISBN 80-7367-040-2.
10. HENDL, J. Přehled statistických metod. Praha: Portál, 2009. ISBN 80-86056-47-3.
11. CHRÁSKA, M. Metody pedagogického výskumu. Praha: Grada, 2016. ISBN 978-80-247-5326-3.
12. JUSZCZYK, S. Metodológia empirických výskumov v spoločenských vedách. Bratislava: Iris 2003. ISBN 978-80-969815-5-7.
13. MAŇÁK, J. - ŠVEC, V. Cesty pedagogického výskumu. Brno: Paido, 2004. ISBN 80-7315-078-6.
14. NORTON, L.S. Action Research in Teaching and Learning: A Practical Guide to Conducting Pedagogical Research in Universities. New York: Routledge 2009. ISBN 80-89061-51-6.
15. OBERUČ, J. - KOVAŘÍK, P. - ZAPLETAL, L. Vademecum pedagogického výskumu. Strážnice: Veřejnosprávní vzdělávací institut, 2016. ISBN 978-80-905919-6-7.
16. OBERUČ, J. – UŠIAK, G. – SLÁVIKOVÁ, G. Metodológia pedagogického výskumu. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-867-322-46.
17. OBERUČ, J. Vademecum pedagogického výskumu. Strážnice: VVI. ISBN 978-80-905919-6-7.
18. OBERUČ, J. Základy pedagogického výskumu. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36.
19. SILVERMAN, D. Ako robiť kvalitatívny výskum. Bratislava: Ikar, 2005. ISBN 80-551-0904-4.
20. ŠVARÍČEK, R. – ŠEĐOVÁ, K. Kvalitatívny výskum v pedagogických vedách. Praha: Portál, 2014. ISBN 978-80-262-0644-6.
21. ŠVEC, Š. a kol. Metodológia vied o výchove. Bratislava: Iris, 1998. ISBN 80-88778-73-5.
22. TUREK, I. Učiteľ a pedagogický výskum. Bratislava: MPC. 1996. ISBN 8071641731.
23. TUREK, I. Úvod do metodológie pedagogického výskumu. Bratislava: KIP TU, 2003. ISBN 80-05-00643-8.

Language which is necessary to pass the course: Slovak language

Notes - student's time: 300 hours

combined study (lectures, seminars, consultations): 26 hours

preparation of semester work: 60 hours

self-study and exam preparation: 214 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|-----|----|----|----|-----|
| 43% | 11% | 0% | 4% | 0% | 43% |

Teacher:

doc. et doc. PhDr. PaedDr. Gabriela Gabrhelová, PhD., DBA, LL.M

prof. PhDr. Jaroslav Oberuč, CSc., MBA, LL.M

language: slovak language

Date of last change: 30 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|--|--|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-106 | Name: Modern directions in didactics |
| Type, scope and method of educational activities Subject type (P, PV, V):P Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | |
| Number of credits:10 | |
| Recommended semester: 1. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: exam Interim evaluation: active participation in compulsory education Final evaluation: The student must complete the set number of hours and actively participate in discussions - workshops during the seminars. Through his activity, he demonstrates that he studies the given subject systematically. Part of his activity is also the preparation of a 10-page thesis - the thesis should have a comparative nature of two selected didactic areas from the current trends in education. In order to receive a rating and to be awarded credits, it is necessary to achieve at least 51 points out of 100 in the exam. To receive a rating A: 100-91 points, B: 90-81 points, C: 80-71 points, D: 70-61 points, E : 60-51 points. | |
| Learning outcomes (performance standard): After completing the course, the student will master newer trends in the field of general didactics; he will understand modern directions in didactics as a superstructure to general didactics, and he will understand in particular the current tendencies of education, which developed especially at the end of the 20th century and which are currently developing dynamically. With this perception of current and prospective tendencies, he will be able to compare traditional and newer educational management options and will understand the educational process as a process that is no longer perceived as a purely bipolar process of teacher and student, but as a process in which multiple aspects are appreciated, which is being developed by contemporary pedagogy and didactics. A graduate of the course will: <ul style="list-style-type: none"> - understand the management of education as a process in which, unlike in the past, the teacher's creative approaches to education are emphasized, - to combine education with neuro-pedagogical and neuro-dialectic aspects of teaching, so that the educational process is truly effective, - understand the evaluation of education and apply it in connection with the self-reflection of one's educational activity, - master newer educational concepts and present their contribution to the effectiveness of education | |
| Brief outline of the subject (content standard): 1. Didactics, possibilities and areas of its modernization. Areas of modernization. 2. Concepts of teaching in the 20th century and their contribution to education. 3. Taxonomy of educational aims. 4. Students' learning styles 5. Evaluation of the educational process. 6. Activating teaching methods - methods according to Schmidt and other authors. 7. Constructivist concept of teaching. 8. Neuro-pedagogy and neuro-didactics and their impact on education. 9. Psychodidactics and metacognition in education. | |

10. Cognitive education and related aspects.
 11. Newer concepts of education - EUR, project teaching, mastery learning, education and quality of life of the pupil.
 12. Seminar – workshop – conclusion to the subject Modern directions in didactics.

Recommended literature:

1. BAJTOŠ, J. *Kapitoly zo všeobecnej didaktiky*. Equilibria, Košice 2007, ISBN 978-80-89284-08-5.
2. BAJTOŠ, J. *Teória a prax didaktiky*. ŽU, Žilina 2003, ISBN 80-8070-130-X.
3. BERTRAND, Z. *Soudobé teorie vzdělání*. Praha: Portál, ISBN 978-80-7178-216-2.
4. Časopisecká literatúra: prehľad v časopise DIDAKTIKA roky 2011 – súčasnosť, el. časopis PEDAGOGIKA / <http://www.casopispedagogika.sk/> od vzniku – súčasnosť, časopisy – Paidagogos.net, Pedagogika.sk a i.
5. DRYDEN, G. - VOS, J. *The Learning Revolution. /Rewolucja w uczeniu./* Poznań: Zyski S-ka Wydawnictwo. ISBN 83-7298-457-3.
6. GAVORA, P. *Aki sú moji žiaci. Pedagogická diagnostika žiaka*. Nitra: Enigma, 2010. ISBN 978-80-89132-91-1.
7. GÜNTHER, G. *1000 neue Methoden: Praxismaterial für kreativen und aktivierenden Unterricht*. Langue : German, ISBN 10: 3407254660.
8. HUBA, M. *Pružné vzdelávanie*. Bratislava: STU. 2001. ISBN 978-80-227-1335-X.
9. JURČOVÁ, M. *Tvorivosť v každodennom živote a vo výskume*. Bratislava: IRIS. 2009. ISBN 9788089256426.
10. MAREŠ, J. *Styly učení žáků a studentů*. Praha: Portál, ISBN 80-7178-246-7.
11. PETLÁK, E. *Inovácie v edukačnom procese*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36.
12. PETTY, G. *Moderní vyučování*. Portál, Praha 1996, ISBN 80-7178-070-7.
13. PIKE, G. - SELBY, D. *Cvičení a hry pro globální výchovu*. Praha: Portál, 2000. ISBN 80-7178-369-2.
14. PĽAVČAN, P. *Vedomostná spoločnosť v Slovenskej republike*. Bratislava: Merkury. 2006. ISBN 80-89143-40-7.
15. PRŮCHA, J. *Moderní pedagogika*. Praha: Portál, 2009. ISBN 978-80-7367-503-5.
16. PRŮCHA, J.- WALTEROVÁ, E.-MAREŠ, J. *Pedagogický slovník*. Praha: Portál, 2013. ISBN 978-80-262-0403-9.
17. PRUSÁKOVÁ, V. – SCHUBERT, M. – BONTOVÁ, A. *Kurikulárne trendy vo vzdelávaní dospelých*. Banská Bystrica: Belianum, 2014. ISBN 978-80-557-0840-9.
18. TARA F. et al. *Emerging approaches to educational research* Routledge. London: *British Journal of Educational Technology*. 215 s. ISBN 978-0-415-57092-3.
19. TEPLÁNOVÁ, K. *Ako transformovať vzdelávanie*. Bratislava: MPC. 2007. ISBN 978-80-8052-287-2.
20. TUREK, I. 2014. *Didaktika*. Bratislava: Wolters Kluwer, 2014. ISBN 978-80-81680-04-5.
21. VENDEL, Š. *Pedagogická psychológia*. Bratislava: Mračko. 2007. ISBN 9788080577100.
22. WELLA, F. *Lifelong learning*. London. Kogan Page, London, ISBN 0-7494-1972-5.
23. Zákon č. 245/2008 Z.z. - Zákon o výchove a vzdelávaní (školský zákon) a o zmene a doplnení niektorých zákonov.
 Zákon č. 61/2015 Z. z. - Zákon o odbornom vzdelávaní a príprave a o zmene a doplnení niektorých zákonov.

Language, which is necessary to pass the course: slovak language

Notes - student's time:300 hours
 combined study (lectures, seminars, consultations): 26 hours
 preparation of semester thesis: 60 hours
 self-study and exam preparation:214 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|-----|-----|-----|-----|-----|
| 13% | 13% | 18% | 13% | 13% | 32% |

Teacher:

prof. PaedDr. Tomáš Lengyelalussy, PhD.

prof. PaedDr. Ing. Roman Hrmo, PhD., MBA
language: Slovak language

Date of last change:30 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|---|--|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-107 | Name: Obhajoba dizertačnej práce |
| Type, scope and method of educational activities Subject type (P, PV, V): P Odporúčaný rozsah výučby P-S-C/L: Study method: combined Form of study: full-time | |
| Number of credits: 25 | |
| Recommended semester: 6. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: štátna skúška, klasifikácia oponentom ZP, klasifikácia oponentom ZP, klasifikácia oponentom ZP Interim evaluation: Final evaluation: Successful defence of work. If the dissertation is evaluated by one opponent with the classification grade FX, the student has the right to defend the thesis. If it is evaluated by several opponents with a classification level of FX, the defence can be carried out only after the deficiencies mentioned in the evaluation have been removed and the dissertation has been re-evaluated by already approved opponents. Successful defence of work. | |
| Learning outcomes (performance standard): With his dissertation, the doctoral student demonstrates that he has the ability to search for information, scientifically process it and constructively evaluate it, he is oriented in the researched issue, knows the ethics of scientific work, scientifically interprets and confronts new data with theory. | |
| Brief outline of the subject (content standard): The dissertation represents the final thesis of the 3rd degree of university studies. The content of the dissertation is focused on the didactics of technical subjects. The dissertation must exhaustively analyze the theoretical basis of the treated topic and contain relevant research on the issue being addressed. The dissertation must bring new perspectives to the researched area, thereby contributing to the enrichment of educational theory, practice, methodology and the profession. At the same time, it may raise the need to solve other issues related to the topic. The thesis must meet the requirements for the final theses of the doctoral study program in terms of content, language and formality. The defense of the dissertation is public. Its course is usually as follows: <ul style="list-style-type: none"> - opening, - presentation of a doctoral student, - presentation of aims, achieved results and contribution to doctoral students, - evaluation of the fulfillment of the doctoral student's individual study plan by the supervisor in the form of an evaluation, - presentation of opponent's reviews, - the doctoral student's opinion on the opponents' comments, discussion. | |
| Recommended literature: | |
| Language, which is necessary to pass the course: slovak language | |
| Notes - student's time: 750 hours | |
| Evaluation of subjects: | |

| A | B | C | D | E | FX |
|--|----|----|----|----|----|
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

| | |
|---|---|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-108 | Name: Technology and humanization |
| Type, scope and method of educational activities Subject type (P, PV, V): P Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | |
| Number of credits: 6 | |
| Recommended semester: 4. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: exam Interim evaluation: active participation in compulsory education Final evaluation: Elaboration of a 15-page seminar thesis on the topic of the specified and relevant issue. Oral examination. A score of at least 51 out of 100 is required to be graded and awarded credits. Grading scale: A= 100-91 b, B= 90-81 b, C= 80-71 b, D= 70-61 b, E= 60-51 b. | |
| Learning outcomes (performance standard): Graduates of this course will acquire knowledge and experience in the field of humanizing technical equipment. They learn the meaning and content of the most important human parameters of technical equipment, the aims and methods of their research, as well as their use in the teaching of technical professional subjects. They will learn ways to optimize work systems (man - technology). | |
| Brief outline of the subject (content standard): 1. Humanization of technology (causes, principles and aims). 2. Man and his characteristics as a starting point in the design of new technologies. 3. Psycho-physiological and energy parameters of a person and their use in the operation of technical equipment. 4. Methods of optimizing interactions between people and technology, creation of work systems. 5. Requirements for safe and efficient use of technical equipment by humans. 6. Human requirements for effective and safe use of information technologies in technical practice. 7. Requirements for the humane creation of workplaces and resting places with technical facilities (dimensional and spatial solutions). 8. Human requirements for notification and control elements of technical devices. 9. Human requirements for tools and equipment. 10. Human requirements for the environment, case studies (acoustic, optical, climatic and dusty environment). 11. Human requirements for the environment, case studies (biological, chemical and psycho-social environment). 12. Human requirements for work organization, case studies. | |
| Recommended literature: 1. BULLINGER, H-J. <i>Ergonomie: Produkt- und Arbeitsplatzgestaltung</i> . Springer Fachmedien Wiesbaden, 2013. ISBN-10: 3663120953. 2. GILBERTOVÁ, S. - MATOUŠEK, J. <i>Ergonomie: Optimalizace lidské činnosti</i> . Grada, Praha. 2002. ISBN: 80-247-0226 -6. 3. HÁJEK, V. <i>Ergonomie v bytě, v projektu a v praxi</i> . Sobotáles 2004. ISBN 80-868-170-08. 4. CHUNDELA, L. <i>Ergonomie</i> . ČVUT, Praha. 2013. ISBN 978-80-01-05173-3. 5. KOVÁČ, J. - SZOMBATHYOVÁ, E. <i>Ergonómia</i> . Technická univerzita, Košice. 2010. ISBN 978-805-530-538-7. 6. LORKO, M. <i>Ergonómia vo výrobe</i> . FVT TU v Košiciach, 2001, ISBN 80-7099-692-7. | |

7. LORKO, M. *Ergonómia*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2008, 178 s. ISBN 978-80-969815-7-1.
8. LORKO, M.- HAŇOVÁ, Ž. *Manažérske systémy*. Prešov: FVT TU. 2006. ISBN 80-8073-523-9.
9. LUZAK, H. *Arbeitswissenschaft*. Berlin Heidelberg: Springer. 1998. ISBN 978-80-88780-46-4.
10. NEVILLE, A. S. – MARK, S. - YOUNG, M. S. - HARVEY, C. *Guide to Methodology in Ergonomics Designing for Human Use. Second Edition*, CRC Press 2014. ISBN 978-80-87824-82-2.
11. NUSSBAUMER, L.L. *Human Factors in the Built Environment*. Fairchild Books, 2013. ISBN 9781609015039.
12. PHEASANT, S. *Anthropometry, Ergonomics and The Design Of Work*. CRC Press. ISBN 978-80-86297-44-1.
13. SALVENDY, G. *Human Factors and ergonomics*. Wiley, Hoboken. 2012. ISBN978-047-052-838-9.
14. SCHMIDTKE, H. - JASTRZEBSKA-FRACZEK, I. *Ergonomie: Daten zur Systemgestaltung und Begriffsbestimmungen*. Carl Hanser Verlag, Munchen. 2013. ISBN 978-344-643-480-6.
15. SCHMIDTKE, H. *Ergonomie*. München: Hanser Verlag. 1993. ISBN 80-8041-390-0.
16. SLAMKOVÁ, E. - DULINA, Ľ. - TABAKOVÁ, M. *Ergonómia v priemysle*. Žilina: AIE Edition 2010. ISBN 978-60-88680-43-4.
17. STN EN ISO 10075: 2000 Ergonomic principles related to mental workload.
18. STN EN ISO 6385: 2004 Ergonomic principles in the design of work systems.
19. WOODSON W. E. *Human Factor Design Handbook*. New York: Mc Graw Hill Book Company. 1993. ISBN 978-80-227-3249-9.

Language, which is necessary to pass the course:slovak language

Notes - student's time:180 hours

combined study (lectures, consultations): 26 hours

preparation of semester thesis, self-study, exam preparation:154 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|-----|-----|----|----|----|
| 43% | 39% | 11% | 4% | 0% | 4% |

Teacher:

prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

doc. Ing. arch. Janka Betáková, PhD.

language: Slovak language

Date of last change:21 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|---|---|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-109 | Name: Theory and policy of vocational education |
| Type, scope and method of educational activities Subject type (P, PV, V): P Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | |
| Number of credits: 7 | |
| Recommended semester: 3. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: participation in compulsory education Final evaluation: The student will prepare a semester thesis in the form of a literary research, which will be the starting chapter for the dissertation. In order to obtain an evaluation and to assign credits, it is necessary to achieve at least 51 points out of 100 on a graded course. To obtain an evaluation A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points, E : 60-51 points. | |
| Learning outcomes (performance standard): After successfully completing the course, the student can, based on the acquired knowledge and skills: <ul style="list-style-type: none"> - Describe the essence of school policy; - Define the tasks and aims of professional education; - Define the problems of current vocational education in Slovakia and the EU; - Define the role of the state educational program in vocational education; - Define the role of the school educational program in vocational education. | |
| Brief outline of the subject (content standard): <ol style="list-style-type: none"> 1. School policy, its definition, subject and tasks 2. Model of professional education in Slovakia 3. Professional education in EU documents 4. Lisbon strategy and professional education 5. Lisbon Strategy Europe 2020 meaning and aims 6. Standard of vocational education and training in Slovakia 7. Control in education – financial control and the State School Inspection 8. Professional and pedagogical competence of teaching staff 9. School administration and its role in school management 10. Current state and problems in the central management of education. 11. Management and administration of secondary education - current state and problems of management. | |
| Recommended literature: <ol style="list-style-type: none"> 1. ANDREJČÁK, I. – ŤAVODOVÁ, M. <i>Manažérstvo kvality</i>. Technická univerzita vo Zvolene, 2009. ISBN 978-80-228-2071-4. 2. BRECE, A. – KENLANGDON. <i>Strategické myslenie</i>. Bratislava: Slovart, 2002. ISBN 80-251-198-08. 3. DOKTOROV, A. - DOKTOROVOVÁ, J. <i>Optimalizácia organizácie odborného vzdelávania v SR. Dnešné trendy inovácii</i>. 2013. DTI Dubnica nad Váhom. ISBN 978-80-89400-60-7. 4. DOKTOROV, A. <i>Development of new educational programs in vocational education for automotive industry. 7th Int. Conference on Emerging eLearning Technologies and Applications.</i> | |

2009. ISBN 978-800-8086-128-5.
5. EUROPEAN CENTRE FOR THE DEVELOPMENT OF VOCATIONAL TRAINING. *Assuring quality in vocational education and training: the role of accrediting VET providers*. Luxembourg: Publications Office of the European Union. 2011, 217 s. ISBN 978-92-896-0832-9.
 6. FARKASOVÁ, Z. *Pedagogická dokumentácia a dokumentácia vo vzťahu k odbornému a pedagogickému riadeniu ZŠ*. Bratislava: MPC. 2007. ISBN 80-8052-221-9.
 1. HELLER, R. 2001. *Úspešná motivácia*. Bratislava: Slovart, 2001. ISBN 978-80-89400-99-7.
 7. KUZMIŠINOVÁ, V. 2002. *Vybrané témy z manažmentu*. FHPV PU, 2002. ISBN 80-8068-159-7.
 2. OBDRŽÁLEK, Z. – HORVÁTHOVÁ, K. a kol. *Organizácia a manažment školstva*. Terminologický a výkladový slovník. Bratislava: SPN, 2004. ISBN 978-83-8724-167-2.
 3. OBDRŽÁLEK, Z. *Škola a jej manažment*. Bratislava: UK, 2002. ISBN 80-7169-407-X.
 8. PASTERNAKOVÁ, L.- LAJČIN, D. *Krok za krokom k manažmentu školy*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2010. 92 s. ISBN 978-80-89400-14-0.
 9. PILZ, M. *The future of vocational education and training in a changing world*. Wiesbaden 2012. s. 259-272 ISBN 978-3-531-18527-9.
 10. SLÁVIKOVÁ, G.- CIMBOVÁ, M.- ANDREJČÁK, I. *Využitie kľúčových kompetencií technických predmetov na rozvoj tvorivosti učiteľov a žiakov vo vzdelávacom procese prostredníctvom informačno - komunikačných technológií vo vzdelávaní*. 1. vyd. Stropkov, 2011. 162 s. ISBN 978-80-89392-27-8.
 11. STOLZ, S. - GONON, P. *Challenges and reforms in vocational education : aspects of inclusion and exclusion*. Bern: Lang, 2011. 327 s. ISBN 978-3-0343-1068-0.
 12. ŠIOV Bratislava, *Analýza o stave a úrovni všeobecného a odborného vzdelávania v SOŠ a SOU V SLOVENSKEJ REPUBLIKE*. 2004.
 13. ŠIOV Bratislava, *Analýza súčasného stavu a možností spolupráce inštitúcii trhu práce a školského systému*. 2006.
 14. ŠIOV Bratislava. *Štandard stredoškolského odborného vzdelávania a výchovy v Slovenskej republike*. Schválený Ministerstvom školstva SR pod číslom 810/2002-4.
 15. TEPLÁNOVÁ, K. *Ako transformovať vzdelávanie*. Bratislava: MPC. 2007. ISBN 978-80-8052-287-2.
 16. ZÁKON č. 324/2013 z 20. septembra 2012, ktorým sa mení a dopĺňa zákon č. 184/2009 Z. z. o odbornom vzdelávaní a príprave a o zmene a doplnení niektorých zákonov a ktorým sa menia a dopĺňajú niektoré zákony.
 17. ZÁKON č. 37/2011 z 1. februára 2011, ktorým sa mení a dopĺňa zákon č. 245/2008 Z. z. o výchove a vzdelávaní (školský zákon) a o zmene a doplnení niektorých zákonov v znení neskorších predpisov.
 18. ZELINA, M. - ZELINOVÁ, M. *Modely riadenia školy*. Bratislava: Metodické centrum, 1992. ISBN 978-80-8069-895-9.
 19. ŽILINČÍK, P. *Základy práva*. Dubnica nad Váhom : DTI. ISBN 978-80-89400-72-0. ISBN 80-227-1519-0.

Language, which is necessary to pass the course:slovak language

Notes - student's time:210 hours

combined study (lectures, consultations): 26 hours

príprava a prezentácia semestrálnej práce, samoštúdium: 174 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|----|----|----|----|-----|
| 68% | 6% | 4% | 2% | 0% | 20% |

Teacher:

doc. PaedDr. Silvia Barnová, PhD., MBA

doc. et doc. PhDr. PaedDr. Gabriela Gabrhelová, PhD., DBA, LL.M

language: Slovak language

Date of last change:20 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|--|---|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-110 | Name: Research in union didactics |
| Type, scope and method of educational activities Subject type (P, PV, V): P Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | |
| Number of credits: 7 | |
| Recommended semester: 4. | |
| Degree of study: 3rd | |
| Conditional subject: Methodology of pedagogical research | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: exam Interim evaluation: participation in compulsory education Final evaluation: Preparation of a written work (40–50 pages) for the dissertation exam with theses, subject and objectives of the dissertation. In order to receive an evaluation and to assign credits, it is necessary to achieve at least 51 points out of 100 in the defense of the research project within the dissertation exam. Evaluation: A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points, E: 60-51 points. | |
| Learning outcomes (performance standard): The student can design a research methodology, create research tools, carry out quantitative pedagogical research, analyze and interpret research results, propose recommendations for theory and practice. | |
| Brief outline of the subject (content standard): 1. Analysis of the current state of issues in research in trade didactics. 2. Research methodology in trade didactics as part of the dissertation. 3. Organization of research in trade didactics as part of the dissertation. 4. Selection of a sample of research in trade didactics. 5. Creation of research tools in research in trade didactics: questionnaires, attitude scales, etc. 6. Creation of research tools in research in trade didactics: didactic tests, etc. 7. Pilot verification of research methodology in trade didactics. 8. Realization of quantitative pedagogical research in trade didactics, which is part of the dissertation. 9. Processing of research results in trade didactics. 10. Interpretation of research results in trade didactics. 11. Recommendations for theory and practice within the framework of research in trade didactics. 12. Writing a dissertation as part of research in trade didactics. | |
| Recommended literature: 1. BENČO, J. <i>Metodológia vedeckého výskumu</i> . Bratislava: Iris, 2001. ISBN 80-89018-27-0. 2. BRINCKOVÁ, J. <i>Základy štatistiky v štúdiu pedagogiky a sociálnej pedagogiky</i> . Žilina: EDIS, 2006. ISBN 978-80-248-2570-0. 3. COCHRAN-SMITH, M. - ZEICHNER, K.M. <i>Studying Teacher Education: The Report of the AERA Panel on Research and Teacher Education</i> . New Jersey: Routledge 2005. ISBN 80-05-00759-0. 4. CRESWELL, J. W. <i>Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research (4th Edition)</i> , Boston: Pearson, 2011. 672 s. ISBN 978-0131367395. 5. Ďalšie tituly určené školiteľom v závislosti na téme dizertačného projektu. 6. FILKORN, V. <i>Povaha súčasnej vedy a jej metódy</i> . Bratislava: Veda, 1998. ISBN 80-7300-125-X. | |

7. GABRHELOVÁ, G. - LAJČIN, D. - BARNOVÁ, S. - KRÁSNA, S. (2020). *Odborné vzdelávanie a príprava v systéme duálneho vzdelávania pre potreby trhu práce*. Praha: Wolters Kluwer. ISBN 978-80-7598-962-8.
8. GAVORA, P. *Sprievodca metodológiou kvalitatívneho výskumu*. Bratislava: Regent, 2006. ISBN 80-88904-46-3.
9. GAVORA, P. *Tvorba výskumného nástroja pre pedagogické bádanie*. Bratislava: SPN. 2012. ISBN 978-80-10-02353-0.
10. GAVORA, P. *Úvod do pedagogického výskumu*. Bratislava: UK, 2008. ISBN 80-223-2391-8.
11. GAVORA, P. *Výskumné metódy v pedagogike*. Bratislava: UK, 1996. ISBN 80-86706-08-7.
12. GAVORA, Peter a kol. *Elektronická učebnica pedagogického výskumu*. [online]. Bratislava: Univerzita Komenského, 2010. Dostupné na <http://www.e-metodologia.fedu.uniba.sk/> ISBN 978-80-223-2951-4.
13. HENDL, J. a kol. *Kvalitatívni výzkum*. Praha: Portál, 2005, ISBN 80-7367-040-2.
14. HENDL, J. *Přehled statistických metod*. Praha: Portál, 2009. ISBN 80-86056-47-3.
15. HRMO, R. – KRPÁLKOVÁ KRELOVÁ, K. *Úvod do vedeckej práce. Introduction to research*. 1. vyd. Trnava: AlumniPress, 2008.
16. CHRÁSKA, M. *Metody pedagogického výskumu*. Praha: Grada, 2016. ISBN 978-80-247-5326-3.
17. JUSZCZYK, S. *Metodológia empirických výskumov v spoločenských vedách*. Bratislava: Iris 2003. ISBN 978-80-969815-5-7.
18. MAŇÁK, J. - ŠVEC, V. *Cesty pedagogického výskumu*. Brno: Paido, 2004. ISBN 80-7315-078-6.
19. NORTON, L.S. *Action Research in Teaching and Learning: A Practical Guide to Conducting Pedagogical Research in Universities*. New York: Routledge 2009. ISBN 80-89061-51-6.
20. OBERUČ, J. - KOVAŘÍK, P. - ZAPLETAL, L. *Vademecum pedagogického výskumu*. Strážnice: Veřejnosprávní vzdělávací institut, 2016. ISBN 978-80-905919-6-7.
21. OBERUČ, J. – UŠIAK, G. – SLÁVIKOVÁ, G. *Metodológia pedagogického výskumu*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-867-322-46.
22. OBERUČ, J. *Vademecum pedagogického výskumu*. Strážnice: VVI. ISBN 978-80-905919-6-7.
23. OBERUČ, J. *Základy pedagogického výskumu*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36.
24. SILVERMAN, D. *Ako robiť kvalitatívny výskum*. Bratislava: Ikar, 2005. ISBN 80-551-0904-4.
25. SPITZER, M. *Digitale Demenz: Wie wir uns und unsere Kinder um den Verstand bringen.*, 1. vydanie, Mníchov: Droemer, Knauer, 2012. 368 s. ISBN 978-3-426-27603-7.
26. ŠVAŘÍČEK, R. – ŠEĐOVÁ, K. *Kvalitatívni výzkum v pedagogických vědách*. Praha: Portál, 2014. ISBN 978-80-262-0644-6.
27. ŠVEC, Š. a kol. *Metodológia vied o výchove*. Bratislava: Iris, 1998. ISBN 80-88778-73-5.
28. TUREK, I. *Učiteľ a pedagogický výskum*. Bratislava: MPC. 1996. ISBN 8071641731.
29. TUREK, I. *Úvod do metodologie pedagogického výskumu*. Bratislava: KIP TU, 2003. ISBN 80-05-00643-8.

Language, which is necessary to pass the course:slovak language

Notes - student's time:210 hours

combined study (lectures, consultations): 26 hours

preparation of a written work for the dissertation exam, self-study: 174 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|----|----|----|----|----|----|
| 0% | 0% | 0% | 0% | 0% | 0% |

Teacher:

doc. PhDr. PaedDr. Slávka Krásna, PhD., Ph.D.

prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

language: Slovak language

Date of last change:20 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|--|---|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-201 | Name: Current issues of school management |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: 1-0-0-0 /week Study method: combined Form of study: full-time | |
| Number of credits: 5 | |
| Recommended semester: It is recommended to complete two compulsory optional subjects in each year of study in the full-time form of study, and in the external form of study it is recommended to complete three compulsory optional subjects in the 2nd and 3rd year of study. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: participation in compulsory education Final evaluation: The student will prepare a semester thesis in the form of a literary research, which will be the starting chapter for the dissertation. In order to obtain an evaluation and to assign credits, it is necessary to achieve at least 51 points out of 100 on a graded course. To obtain an evaluation A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points, E : 60-51 points. | |
| Learning outcomes (performance standard): After successfully completing the course, the student can, based on the acquired knowledge and skills: <ul style="list-style-type: none"> - Describe the nature and peculiarities of school management, - Characterize school management models, - Explain the understanding of pedagogical management as a cyber system, - Apply legislative frameworks of school management, - Define levels of pedagogical management and subjects of pedagogical management. | |
| Brief outline of the subject (content standard): <ol style="list-style-type: none"> 1. School management and its peculiarities 2. School management model 3. School management – micro level 4. School management – macro level 5. Principles of pedagogical management of the school 6. Control in education – financial control and the State School Inspection 7. Professional and pedagogical competence of teaching staff 8. School administration and its role in school management 9. Current state and problems in the central management of education. 10. Management and administration of secondary education - current state and problems of management | |
| Recommended literature: <ol style="list-style-type: none"> 1. 1. ANDREJČÁK, I. – ŤAVODOVÁ, M. <i>Manažérstvo kvality</i>. Technická univerzita vo Zvolene, 2009. ISBN 978-80-228-2071-4. 2. BARNOVÁ, S. - KRÁSNA, S. (2020). <i>Manažment a organizácia škôl</i>. Dubnica nad Váhom: VŠ DTI. ISBN 978-80-89732-96-8. 3. BENNIS, W. - BIEDERMANN, P.W. <i>Organizing genius. The secrets of creative collaboration</i>. Toronto: Addison-Wesley. 1997. ISBN 0-201-33989-7. 4. BRECE, A. - KENLANGDON. <i>Strategické myslenie</i>. Bratislava: Slovart, 2002. ISBN 80-251-198-08. | |

5. DIMMOCK, C. - WALKER, A. *Educational leadership. Culture and Diversity*. Thousand Oaks, CA: Sage. 2005. ISBN 0-7619-7170-X.
6. DOKTOROV, A. - DOKTOROVOVÁ, J. Optimalizácia organizácie odborného vzdelávania v SR. *Dnešné trendy inovácii*. 2013. DTI Dubnica nad Váhom. ISBN 978-80-89400-60-7.
7. DOKTOROV, A. Development of new educational programs in vocational education for automotive industry. *7th Int. Conference on Emerging eLearning Technologies and Applications*. 2009. ISBN 978-800-8086-128-5.
8. EUROPEAN CENTRE FOR THE DEVELOPMENT OF VOCATIONAL TRAINING. *Assuring quality in vocational education and training: the role of accrediting VET providers*. Luxembourg: Publications Office of the European Union. 2011, 217 s. ISBN 978-92-896-0832-9.
9. FARKASOVÁ, Z. *Pedagogická dokumentácia a dokumentácia vo vzťahu k odbornému a pedagogickému riadeniu ZŠ*. Bratislava: MPC. 2007. ISBN 80-8052-221-9.
10. GABRHELOVÁ, G. - LAJČIN, D. (2021). *Manažment triedy v odbornom vzdelávaní a príprave ako súčasť manažmentu inkluzívnej školy*. Týn nad Vltavou – Malá Strana: Nová Forma. ISBN 978-80-7612-383-0.
11. GRINT, K. *Leadership. Classical, contemporary and critical approaches*. New York: Oxford University Press. 1997. ISBN 0-19-878181-4.
12. HAŠKOVÁ, A. - DOKTOROV, A. *Riadiace a kontrolné štruktúry v kontexte procesu transformácie rezortu školstva*. IRiadenie škôl po transformačnom procese II. Nitra: SlovDidac, 2005. s. 95 - 98. ISBN 80-967746-8-9.
13. HELLER, R. 2001. *Úspešná motivácia*. Bratislava: Slovart, 2001. ISBN 978-80-89400-99-7.
14. KUZMIŠINOVÁ, V. 2002. *Vybrané témy z manažmentu*. FHPV PU, 2002. ISBN 80-8068-159-7.
15. LAJČIN, D. (2021). *Manažment inkluzívnej školy v teórii a praxi*. Týn nad Vltavou - Malá Strana: Nová Forma. ISBN 978-80-7612-376-2.
16. LEITHWOOD, K. - CHAPMAN, J. - CORSON, D. - HALLINGER, P. - HART, A. *International handbook of educational leadership and administration*. Boston: Kluwer Academic Publishers. 1996. ISBN 0-7923-3530-9.
17. OBDRŽÁLEK, Z. – HORVÁTHOVÁ, K. a kol. *Organizácia a manažment školstva*. Terminologický a výkladový slovník. Bratislava: SPN, 2004. ISBN 978-83-8724-167-2.
18. OBDRŽÁLEK, Z. *Riadenie školstva v Slovenskej republike*. Bratislava : Štátny pedagogický ústav, 1999. s. 9-10, ISBN 80-85756-41-2.
19. OBDRŽÁLEK, Z. *Škola a jej manažment*. Bratislava: UK, 2002. ISBN 80-7169-407-X.
20. OBDRŽÁLEK, Z. *Škola, školský systém, ich organizácia a riadenie*. Bratislava: Polygrafické stredisko UK, 1999. ISBN 80-223-1321-1.
21. PASTERÁKOVÁ, L.- LAJČIN, D. *Krok za krokom k manažmentu školy*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2010. 92 s. ISBN 978-80-89400-14-0.
22. PILZ, M. *The future of vocational education and training in a changing world*. Wiesbaden 2012. s. 259-272 ISBN 978-3-531-18527-9.
23. POLÁK, J. - BENČO, J. *Školský manažment jako neoddeliteľná súčasť*. Technológie vzdelávania 3/2003. ISSN 1335-003X.
24. PRÁŠILOVÁ, M. *Vybrané kapitoly ze školského managementu*. Olomouc: Universita Palackého. ISBN 80-244-0676-4.
25. SLÁVIKOVÁ, G.- CIMBOVÁ, M.- ANDREJČÁK, I. *Využitie kľúčových kompetencií technických predmetov na rozvoj tvorivosti učiteľov a žiakov vo vzdelávacom procese prostredníctvom informačno - komunikačných technológií vo vzdelávaní*. 1. vyd. Stropkov, 2011. 162 s. ISBN 978-80-89392-27-8.
26. STOLZ, S. - GONON, P. *Challenges and reforms in vocational education : aspects of inclusion and exclusion*. Bern: Lang, 2011. 327 s. ISBN 978-3-0343-1068-0.
27. ŠIOV Bratislava, *Analýza o stave a úrovni všeobecného a odborného vzdelávania v SOŠ a SOU V SLOVENSKEJ REPUBLIKE*. 2004.
28. ŠIOV Bratislava, *Analýza súčasného stavu a možností spolupráce inštitúcií trhu práce a školského systému*. 2006.
29. ŠIOV Bratislava. *Štandard stredoškolského odborného vzdelávania a výchovy v Slovenskej republike*. Schválený Ministerstvom školstva SR pod číslom 810/2002-4.

30. TEPLÁNOVÁ, K. *Ako transformovať vzdelávanie*. Bratislava: MPC. 2007. ISBN 978-80-8052-287-2.
31. ZÁKON č. 324/2013 z 20. septembra 2012, ktorým sa mení a dopĺňa zákon č. 184/2009 Z. z. o odbornom vzdelávaní a príprave a o zmene a doplnení niektorých zákonov a ktorým sa menia a dopĺňajú niektoré zákony.
32. ZÁKON č. 37/2011 z 1. februára 2011, ktorým sa mení a dopĺňa zákon č. 245/2008 Z. z. o výchove a vzdelávaní (školský zákon) a o zmene a doplnení niektorých zákonov v znení neskorších predpisov.
33. ZELINA, M. - ZELINOVÁ, M. *Modely riadenia školy*. Bratislava: Metodické centrum, 1992. ISBN 978-80-8069-895-9.
ŽILINČÍK, P. *Základy práva*. Dubnica nad Váhom : DTI. ISBN 978-80-89400-72-0. ISBN 80-227-1519-0.

Language, which is necessary to pass the course:slovak language

Notes - student's time:150 hours

combined study (lectures, consultations): 14 hours

preparation of semester thesis, samoštúdium: 136 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|----|----|----|----|-----|
| 65% | 0% | 0% | 0% | 0% | 35% |

Teacher:

doc. et doc. PhDr. PaedDr. Gabriela Gabrhelová, PhD., DBA, LL.M

doc. PaedDr. Silvia Barnová, PhD., MBA

language: Slovak language

Date of last change:20 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|---|-----------------------------------|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-202 | Name: College didactics |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: 1-0-0-0 /week Study method: combined Form of study: full-time | |
| Number of credits: 5 | |
| Recommended semester: It is recommended to complete two compulsory optional subjects in each year of study in the full-time form of study, and in the external form of study it is recommended to complete three compulsory optional subjects in the 2nd and 3rd year of study. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: active participation in teaching. Final evaluation: The student prepares a semester thesis of 15 pages with issues oriented towards solving the educational problems of the current school. In order to obtain an evaluation and to assign credits, it is necessary to achieve at least 51 points out of 100 on a graded course. To obtain an evaluation A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points, E : 60-51 points. | |
| Learning outcomes (performance standard): After successfully completing the course, the student will acquire the following knowledge and skills: - describe new thoughts, ideas, theories, work procedures in order to simultaneously improve (modify) educational approaches in the conditions of teaching technical subjects, - critically evaluate and apply innovations from university didactics to teaching practice, - identify, analyze and solve challenging didactic problems of an empirical and conceptual nature. | |
| Brief outline of the subject (content standard): 1. Basic problems of teaching at universities. 2.-3. Aims of the teaching process - current approaches to their formulation, implementation and evaluation. 4.-5. Educated individuals, learning styles, metacognition, metalearning. 6. Personality of the university teaching staff, teaching styles, teaching competencies. 7-8 Current teaching concepts and organizational forms of teaching at the university. 9-10 Evaluation of student performance, innovations in screening and evaluation. 11. Teaching text, evaluation of the comprehensibility of teaching texts and university textbooks. 12. Creative teaching in university settings. | |
| Recommended literature: 1. ALBERT, A. <i>TQM v škole. Teória a prax</i> . Bratislava: MCB. 2001. ISBN 80-88796-89-X. 2. BAJTOŠ, J. - OROSOVÁ, R. <i>Mikrovyučovanie v pregraduálnej príprave učiteľov</i> . Košice: UPJŠ 2011. ISBN 80-223-1536-2. 3. BAJTOŠ, J. <i>Didaktika vysokej školy</i> . Bratislava: Iura Edition 2013. ISBN 978-80-7387-436-0. 4. BAJTOŠ, J. <i>Teória a prax didaktiky</i> . Žilina: Žilinská univerzita, 2003. ISBN 80-8070-130-X. 5. BAJTOŠ, J. <i>Vybrané state z didaktiky vysokej školy</i> . Košice: Equilibria 2008. ISBN 80-223-1536-2. 6. DOKTOROV, A. – JAKÚBEK, P. – SLÁVIKOVÁ, G. <i>Technológia vzdelávania</i> . Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36. 7. ELLINGTON, H. How to Become an Excellent Tertiary-level Teacher. Seven golden rules for university and college lecturers. <i>Journal of Further and Higher Education</i> . 2000, roč. 24, č. 3, s. 311-321. ISSN 1469-9486 . | |

8. HRMO, R. – KRPÁLKOVÁ KRELOVÁ, K. *Zvyšovanie kvality vyučovacieho procesu*. Bratislava : STU v Bratislave, 2010. 176 s. ISBN 978-80-227-3249-9.
 9. HRMO, R. a kol. *Didaktika technických predmetov*. Bratislava: Slovenská technická univerzita v Bratislave, 2005. 137 s., ISBN 80-227-2191-3.
 10. KRUSZEWSKI, K. *Sztuka nauczania. Czynności nauczyciela*. Waršava: Wydawnictwo naukowe PWN 2004.
 11. KRUŠPÁN, I. *Didaktika odborného výcviku*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36.
 12. Milénium: *Národný program výchovy a vzdelávania v SR na najbližších 15 až 20 rokov*.
 13. OBERUČ, J. – PORUBČANOVÁ, D. *Základy didaktiky*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36.
 14. OBERUČ, J. *Vybrané kapitoly z didaktiky*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36.
 15. PASTERÁKOVÁ, L. *Penzum všeobecnej didaktiky*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-80-897-320-36.
 16. PEŠEK, Z. *Didaktika*. Bratislava: SPN. ISBN 978-80-89732-06-7.
 17. PETLÁK, E. *Všeobecná didaktika*. Bratislava: Iris. 2014. ISBN 8089018645
 18. PETTY, G. *Moderní vyučování*. Praha: Portál, 1996. ISBN 80-88796-89-X.
 19. PODLAHOVÁ, L. et al. *Didaktika pro vysokoškolské učitele*. Praha: Grada Publishing, a.s. 2012. ISBN 978-80-262-0403-9.
 20. PRŮCHA, J. *Učebnice: teorie a analýzy edukačního média: příručka pro studenty, učitele, autory učebnic a výzkumné pracovníky*. Brno: Paido, 1998.
 21. ROHLÍKOVÁ, L. - VEJVODOVÁ, J. *Vyučovací metody na vysoké škole*. Praha: Grada Publishing, a.s. 2012. ISBN 978-80-7387-436-0.
 22. SLAVÍK, M. et al. *Vysokoškolská pedagogika*. Praha: Grada Publishing, a.s. 2012.
 23. TUREK, I. *Didaktika*. Bratislava: Iura edition, 2008. ISBN 978-80-8078-198-9.
 24. TUREK, I. *Inovácie v didaktike*. Bratislava: MPC, 2004. ISBN 978-80-7387-432-2.
 25. TUREK, I. *Tvorba zrozumiteľného textu*. Bratislava: Viena 1997. ISBN 978-80-89400-87-4.
 26. TUREK, I. *Tvorivé riešenie problémov*. Bratislava: MC, 1999. ISBN 80-88796-89-X.
 27. TUREK, I. *Úvod do didaktiky vysokej školy*. Košice: KIP TU 2005. ISBN 978-80-55401-94-2.
 28. TUREK, J. *Kľúčové kompetencie: Úvod do problematiky*. Bratislava: MPC. 2003. ISBN 80-88796-89-X.
- Zborníky a časopisy z profesijných odborov.

Language, which is necessary to pass the course:slovak language

Notes - student's time:150 hours

combined study (lectures, consultations): 14 hours

preparation of semester thesis, samoštúdium: 136 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|----|-----|----|-----|-----|
| 25% | 9% | 18% | 4% | 16% | 27% |

Teacher:

prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

doc. PaedDr. Silvia Barnová, PhD., MBA

language: Slovak language

Date of last change:20 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|--|---|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-203 | Name: ICT in vocational education |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: 0-2-0-0 /week Study method: combined Form of study: full-time | |
| Number of credits: 5 | |
| Recommended semester: It is recommended to complete two compulsory optional subjects in each year of study in the full-time form of study, and in the external form of study it is recommended to complete three compulsory optional subjects in the 2nd and 3rd year of study. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: aktívna participation in compulsory education Final evaluation: Elaboration of a 15-page seminar thesis on the topic of the specified and relevant issue. In order to receive an evaluation and to assign credits, it is necessary to achieve at least 51 points out of 100 on a graded credit. Grading scale: A= 100-91 b, B= 90-81 b, C= 80-71 b, D= 70-61 b, E= 60-51 b. | |
| Learning outcomes (performance standard): After completing the subject, students will improve their existing knowledge and skills in the use of ICT in vocational education; they will expand their knowledge and skills in the area of using network applications and using databases, they will master the basics of effective communication in Internet applications and in an e-learning environment, they will improve their work with selected graphic CAD software. | |
| Brief outline of the subject (content standard): 1. ICT as a means of streamlining management, implementation and diagnostics in vocational education. 2. Microsoft Windows operating system – selected application programs. 3. Android operating system – selected application programs. 4. Microsoft Office and OpenOffice - file compatibility. 5. Network applications within the Internet - effective search and retrieval of information. 6. Improving the quality of professional education through network applications. 7. E-learning environments suitable for professional education. 8. Use of computer classrooms and laboratories in professional education. 9. WEB pages with content suitable for professional education. 10. Use of ICT in vocational education - a means of implementing vocational education. 11. Use of ICT and videoconferencing systems in vocational education. 12. Use of ICT and graphic CAD environments in professional education | |
| Recommended literature: 1. Conclusions of the Council of the European Union of 12 May 2009 on a strategic framework for European cooperation in education and training (Official Journal EU C 119 of 28 May 2009 2. DUARTE, N. <i>Slajdologie. Tajemství tvorby skvělých prezentací</i> . BIZBOOKS. 2012. ISBN 978-80-265-0009-4. 3. HVORECKÝ, J. <i>Databázové technológie (podporný učebný materiál)</i> . Equilibria, Košice, 2013, 316 s. ISBN 978-80-8143-059-6. 4. LEVICKÝ, D. <i>Kryptografia v informačnej a sieťovej bezpečnosti</i> . Elfa, Košice. 2010. ISBN 978-80-80861-63-6. | |

5. MARIÁŠ, M. a kol. *Informačné systémy marketingu*. Bratislava: GeoPARNAS. 2007. ISBN 978-80-969607-1-2.
6. Materiály z medzinárodných vedeckých konferencií, napr. Dnešné trendy inovácií, odborné časopisy, príručky a pod.
7. MODR, V. *333 tipů a triků pro Gimp. Rychlá řešení pro každou situaci*. Brno, Computer Press. 2010. ISBN 978-80-251-3032-2.
8. OZER, J. *Pinnacle Studio 10: názorný průvodce nahráváním a úpravou videa*. Computer Press, 2007. ISBN 978-80-25114-89-6.
9. *Príručky MS Word, MS Excel, MS Power Point, MS Access, MS Outlook, Mozilla Thunderbird, Internet Explorer*.
10. STANČEK, F. *Multimédiá vo vzdelávaní*. Dubnica nad Váhom: DTI. 2014. ISBN 978-80-89400-87-4.
11. SYMELA, K. *Methodology guidebook for authors of modular curricula of vocational education*. Rادم: ITeE-PIB, 2009. 205 p. ISBN 978-83-7204-756-4.
12. TŮMA, T. *Počítačová grafika a design*. Brno: Computer Press, 2007. ISBN 978-80-251-1784-2.
13. VACULÍK, J. *Multimédiá: základné pojmy z grafického spracovania a animácie*. Žilinská univerzita, Žilina 2010. ISBN 978-80-55401-94-2.
14. VÁRKOLY, L. – KIEŁTYKA, L. *Možnosti použitia PC a počítačových sietí*. Možności wykorzystania PC oraz sieci komputerowych. Dubnica nad Váhom: Dubnický technologický inštitút, 2010. ISBN 978-80-89400-11-9.
15. WONG, P. C. - SHEN, H. W. - JOHNSON, C. R., - CHEN, C. - ROSS, R. B. *The Top 10 Challenges in Extreme-Scale Visual Analytics*. In IEEE Computer Graphics and Applications, IEEE, Vol. 32, Issue: 4, p. 63-67. ISSN 0272-1716.

Language, which is necessary to pass the course: slovak language

Notes - student's time: 150 hours

combined study (seminars, consultations): 26 hours

preparation of semester thesis, samoštúdium: 124 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|-----|-----|----|----|----|
| 64% | 18% | 11% | 0% | 0% | 7% |

Teacher:

doc. PaedDr. Ing. Daniel Lajčín, PhD., DBA, LL.M

language: Slovak language

Date of last change: 22 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | |
|--|--|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-204 | Name: Neurodidactic aspects of education |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: 1-1-0-0 /week Study method: combined Form of study: full-time | |
| Number of credits: 5 | |
| Recommended semester: It is recommended to complete two compulsory optional subjects in each year of study in the full-time form of study, and in the external form of study it is recommended to complete three compulsory optional subjects in the 2nd and 3rd year of study. | |
| Degree of study: 3rd | |
| Conditional subject: Educational psychology | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: active participation in compulsory education Final evaluation: Attending lectures and writing a 10-page thesis. The written work will be focused on the application of the neurodidactic aspects of the studied field. In order to receive an evaluation and to assign credits, it is necessary to achieve/obtain at least 51 points out of 100 on a graded credit. To receive an evaluation A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points , E: 60-51 points. | |
| Learning outcomes (performance standard): After completing the study of the mentioned subject, it is assumed that the student will master the innovative aspects of education, which are based on the latest theories related to neurodidactic perspectives on education. The student will acquire the principles of education based on neuroscience, which emphasizes the reality that learning is not based on repetition of the curriculum, as emphasized by the classical teaching theory, but learning is a complex neuroprocess that supports the growth of synapses. In the sense of the above, it is assumed that the student will learn to manage the educational process in accordance with the principles of neuroscientific perspectives, which emphasize the significant involvement of the brain in the processes of learning and cognition. In the mentioned concept, newer approaches to the learner's creativity are also emphasized. Part of the study is also a realistic view of the issue of using ICT in the education process, because its excessive and ill-advised use can lead to digital dementia. | |
| Brief outline of the subject (content standard): 1. Innovative tendencies in the education of the 21st century. 2. Neuropedagogy and neuropedagogy - newer approaches to education. 3. The human brain - its construction, development and functions. 4. The human brain - its activities in various situations - learning, experiencing emotions, stress, burnout syndrome. 5. Comparison of classical education and education from the point of view of neuropedagogy. 6. Brain and education - the importance of motivation in the educational process. 7. Principles of neurodidactic education. 8. Emotions and education. 9. Concept maps and education - an important area of neuropedagogy. 10. Neurodidactic aspects of student evaluation. 11. Digital dementia - reality or unnecessary fears. 12. Summary and systematization of the content of the subject matter. | |
| Recommended literature: | |

1. ANDERSON, L. W. – KRATHWOHL, D. R. et al. *A Taxonomy for Learning, Teaching and Assessing : A Revision of Bloom 's Taxonomy of Educational Objectives*. New York: Longman. 352 s. 2001. ISBN 0-321-08405-5.
2. BRATSKÁ, M. *Pedagogická psychológia*. Bratislava: SPN. 1997. ISBN 80-08-02498-4.
3. *British Journal of Educational Psychology*. ISSN 0007-0998.
4. ČÁP, J. - MAREŠ, J. *Psychologie pro učitele*. Praha: Portál. 2001. ISBN 80-7178-463-X.
5. ĎURIČ, L.- GRÁC, J. – ŠTEFANOVIČ, J. *Pedagogická psychológia*. Bratislava: SPN, 1991. ISBN978-80-89400-31-7.
6. GÁBOROVÁ, L. *Nondirektívny prístup vo výchove a vzdelávaní*. Prešov: Prešovská univerzita, Fakulta humanitných a prírodných vied, 2002. Druhé doplnené a prepracované vydanie. 97 s. ISBN 80-8068-114-9.
7. GRÁC, J. *Kapitoly edukačnej psychológie*. Trnava: TUT, 2009. ISBN 978-80-8082-234-7.
8. HVOZDÍK, S. *Kapitoly zo školskej psychológie. I.,II*. Prešov: Filozofická fakulta Prešovskej Univerzity v Prešove. 2006. ISBN 80-08-08830-0.
9. JURČOVÁ, M. *Tvorivosť v každodennom živote a vo výskume*, IRIS, Bratislava, 2009, ISBN 978-80-89256-42-6.
10. MAREŠ, J. *Pedagogická psychológia*. Praha: Portál, 2013. ISBN 978-80-262-0174-8.
11. MATĚJČEK, Z. *Psychologie nemocných a zdravotně postižených dětí*. Praha: H+H Vyšehradská, 2001, 151 s. ISBN 978-80-88870-95-1.
12. PETLÁK, E. - VALÁBIK, D. - ZAJACOVÁ, J. *Vyučovanie – mozog – žiak. Úvod do problematiky mozgovokompatibilného učenia*. Bratislava: IRIS, 2009. ISBN 978-80-89256-4.
13. PETLÁK, E. a kol. *Neuropedagogika a vyučovanie*. Nitra: UKF, ISBN 978-80-8094-744-6.
14. POŽÁR, L. *Psychológia postihnutých (Patopsychológia)*. Bratislava: Retaas 2007. ISBN 80-913-21-4.
15. ROZVADSKÝ GUGOVÁ, G. a kol.: *Edukácia akcentujúca docenenie mozgu*. Dubnický technologický inštitút v Dubnici nad Váhom, 2013, 101 s. ISBN 978-80-89400-62-1.
16. ROZVADSKÝ GUGOVÁ, G. *Neurodidaktika a edukácia*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-82-867-330-46.
17. ROZVADSKÝ GUGOVÁ, G. *Patopsychológia*. Dubnický technologický inštitút v Dubnici nad Váhom. MiF s.r.o. Dubnica nad Váhom. 2015. -162 s.- ISBN 978-80-89732-63-0.
18. ROZVADSKÝ GUGOVÁ, G. *Všeobecná psychológia*. Dubnica nad Váhom: Dubnický technologický inštitút v Dubnici nad Váhom, 2014. ISBN 978-85-867-430-56.
19. SEIFERT, K. – SUTTON, R. *Educational psychology*. 373 s. [online], dostupné na internete <<http://www.saylor.org/courses/psych303/>>
20. SCHACHL, H. *Was haben in Kopf?* Linz: Verlag Veritas, ISBN3-060-5097-9.
21. SLAVIN, R. E. *Educational Psychology: Theory and Practice*. 9.th edition. Boston: Mass Pearson, 572 s ISBN9780137034352.
22. SPITZER, M. *Cyfrowa demenja*. Slupsk: Dobra literatura. ISBN 978-83-64184-04-8.
23. SPITZER, M. *Lernen: Gehirnforschung und die Schule des Lebens*. Heidelberg: Akademische Verlag, ISBN 978-3827413963.
24. Tematické články z časopisu *Psychológia a patopsychológia dieťaťa a ďalších časopisov a zborníkov*.
25. VALIHOROVÁ, M.- GAJDOŠOVÁ, E. *Kapitoly zo školskej psychológie*. Banská Bystrica: Univerzita Mateja Bella. 2009. ISBN 978-80-8083-817-1.
26. VENDEL, Š. *Pedagogická psychológia*. Bratislava: Mračko. 2007. ISBN 9788080577100.
27. ZELINA, M. *Stratégie a metódy rozvoja osobnosti dieťaťa*. 3. vydanie. Bratislava: IRIS, 2011. ISBN 978-0-07-802942-4.
- ŽYLINSKA, M. *Neurodidaktika*. Toruń : Wydawnictwo naukowe UMK. ISBN 978-83-64156-07-6.

Language, which is necessary to pass the course:slovak language

Notes - student's time:150 hours

combined study (lectures, seminars, consultations): 26 hours

preparation of semester thesis, samoštúdium: 124 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|---|-----|-----|----|----|-----|
| 46% | 14% | 18% | 7% | 0% | 14% |
| Teacher: doc. Mgr. Gabriela Rozvadský Gugová, PhD. language: Slovak language | | | | | |
| Date of last change: 22 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

| | |
|---|---|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-205 | Name: Professional education and the labor market |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | |
| Number of credits: 5 | |
| Recommended semester: It is recommended to complete two compulsory optional subjects in each year of study in the full-time form of study, and in the external form of study it is recommended to complete three compulsory optional subjects in the 2nd and 3rd year of study. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: participation in compulsory education Final evaluation: The student will prepare a semester thesis in the form of a literary research, which will be the starting chapter for the dissertation. To receive an evaluation and to assign credits, it is necessary to achieve at least 51 points out of 100 on a graded credit. To receive an evaluation A: 100-91 points, B 90-81 points, C: 80-71 points, D: 70-61 points, E : 60-51 points. | |
| Learning outcomes (performance standard): After successfully completing the course, the student can, based on the acquired knowledge and skills: <ul style="list-style-type: none"> - Describe the essence of employment policy - Define the tasks of lifelong and credit education - Define the requirements for professional and pedagogical competence in vocational education - Define the principles of partnership and cooperation of the employer sphere and professional education - Define the role and importance of the National Qualification System - Define and understand the importance of certification in vocational education | |
| Brief outline of the subject (content standard): <ol style="list-style-type: none"> 1. Employment policy and its role 2. Labor market – definition and characteristics 3. Further education of teaching staff 4. Lifelong education of teaching staff 5. Lisbon Strategy Europe 2020 meaning and aims 6. Pedagogical and professional competence of teaching staff 7. Career counseling and its importance in professional education 8. Cooperation between employers and schools in school legislation 9. National qualification system and its meaning 10. Education documents and certification in vocational education 11. – 12. Programs to support labor force mobility in vocational education | |
| Recommended literature: <ol style="list-style-type: none"> 1. BUCHTOVÁ, B. et al. <i>Nezamestnanosť psychologický, ekonomický a sociálny problém</i>. Bratislava: Grada, 2002. ISBN 80-247-9006. 2. DOMINELLI, L. <i>Social work</i>. Cambridge : Polity, 2004. 307 s. ISBN 0-7456-2383-2. | |

3. KOSTOLNÁ, Z. et. al. *Súčasnú vývojové tendencie v zamestnávaní žien*. Bratislava: VÚPSVR, 1997. 55s. ISBN 80-7138-092-X.
 4. LIŠKA, I. *Som nezamestnaný! A čo ďalej?* Bratislava: Súvaha, 2003 68 s. ISBN 80 -88727-60-X.
 5. MAREŠ, P. *Nezaměstnanost jako sociální problém*. Praha: Slon, 1998. 172 s. ISBN 80-901424-9-4.
 6. SIEGEL, Z. *Jak hledat a najít zaměstnání: Rady a tipy pro uchazeče*. 2. vyd. Praha: Grada Publishing a.s., 2007. 112 s. ISBN 978-80-247-2048-7.
- ZÁKON O SLUŽBÁCH ZAMESTNANOSTI. 2005. Zákon o službách zamestnanosti 5/2004. Bratislava: Ministerstvo práce, sociálnych vecí a rodiny, 2005.

Language, which is necessary to pass the course:slovak language

Notes - student's time:150 hours
 combined study (lectures, consultations): 26 hours
 preparation of semester thesis, samoštúdium: 124 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|----|----|----|----|----|
| 96% | 0% | 0% | 0% | 0% | 4% |

Teacher:

doc. et doc. PhDr. PaedDr. Gabriela Gabrhelová, PhD., DBA, LL.M
 prof. PaedDr. Tomáš Lengyelfalussy, PhD.
 language: Slovak language

Date of last change:23 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

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|--|--|
| University: DTI University | |
| Faculty: | |
| Code: DTPP-206 | Name: Rozvoj kritického a tvorivého myslenia |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: 0-2-0-0 /week Study method: combined Form of study: full-time | |
| Number of credits: 5 | |
| Recommended semester: It is recommended to complete two compulsory optional subjects in each year of study in the full-time form of study, and in the external form of study it is recommended to complete three compulsory optional subjects in the 2nd and 3rd year of study. | |
| Degree of study: 3rd | |
| Conditional subjects: no | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: participation in compulsory education Final evaluation: 1. Theoretical development of a selected issue of creative or critical thinking in the scope of 20 standard pages and creation of a concept map for the developed issue - minimum 15 points, maximum 30 points. 2. Venn diagram of differences and similarities of critical and creative thinking, - minimum 15 points, maximum 30 points. 3. Performance didactic test from the content of the subject Development of critical and creative thinking - minimum 20 points, maximum 40 points. At least 50 points out of 100 points must be achieved to receive credit and to be assigned credits. Scale: A: 100-90 points, B: 89-80 points, C: 79-70 points, D: 69-60 points, E: 59-50 points | |
| Learning outcomes (performance standard): The result of education in the mentioned discipline is to theoretically master the basics of critical and creative thinking. The student can analyze and subsequently determine the common and different factors of critical and creative thinking. He can explain which strategies under the conditions of the educational process support the development of critical and creative thinking. On a practical level, he knows how to use one of the strategies for the development of these forms of thinking, namely conceptual mapping, so that he is prepared for the development of critical and creative thinking in his profession. | |
| Brief outline of the subject (content standard): 1. Philosophical problem of knowledge. 2. Cognitive psychology and learning. 3. Constructivism, socioconstructivism and sociocognitive theories of learning. 4. Critical thinking. 5. Creative thinking. 6. Self-regulation and metacognition in learning. 7. Education and training for critical and creative thinking. 8. Strategies for developing critical thinking. 9. Strategies for the development of creative thinking. 10. Concept mapping. 11. – 12. Key competencies of a critical and creative thinker. | |
| Recommended literature: 1. BOWELL, T. - KEMP, G. <i>Critical Thinking: A Concise Guide</i> . London: Routledge, 2002, 286 s. ISBN 80-7178-271-3. | |

2. CIALDINI, R.B. *Zbraně vlivu. Manipulativní techniky a jak se jim bránit*. Brno: Jan Melvil publishing, 2012. ISBN 80-7178-291-2.
3. COHEN, C.D. *Critical Thinking Unleashed*. New York: Rowman, 2009. ISBN 80-8178-791-2.
4. časopis Kritické listy, manuály a iné materiály k rôznym výučbovým a tréningovým programom, ktoré využívajú či priamo trénujú kritické myslenie, a ďalšie relevantné periodiká, zborníky a monografie.
5. DARGOVÁ, J. - ČONKOVÁ, L. *Emocionálna inteligencia a tvorivá výučba alebo Keď sa srdce spája s rozumom*. Prešov: Privat Press, 2002. 192 s. ISBN 80-968608-3-6.
6. FACIONE, P. *Critical Thinking: What It Is and Why It Counts*. California: Measured Reasons and The California Academic Press, 2011. ISBN 978-1-891557-07-1.
7. GAVORA, P. *Ako rozvíjať porozumenie textu u žiaka*. Nitra: Enigma, 2008. ISBN 978-80-89132-57-7.
8. HLAVSA, J. *Psychologické základy teórie tvorby*. Praha: Academia, 1985. ISBN 80-425-1555-1.
9. JURČOVÁ, M. *Tvorivosť v každodennom živote a vo výskume*, IRIS, Bratislava, 2009, ISBN 978-80-89256-42-6.
10. KAHNEMAN, D. *Myšlení rychlé a pomalé*. Brno: Jan Melvil publishing, 2012. ISBN 80-7178-431-3.
11. KAUFMAN, C. J. - STERNBERG, R. J. *The International Handbook of Creativity*. New York: Cambridge, 2012. ISBN 978-0-521-83842-9.
12. KOLEKTÍV AUTOROV. *Výchova ku kritickému mysleniu - teória a prax*. Bratislava: Štátny pedagogický ústav, 1995. ISBN 80-7678-291-4.
13. NOVOTNÁ, J. *Kritické a tvořivé myšlení v edukácii a výzkumu*. Brno: Paido. 2012. ISBN 978-80-7315-239-0.
14. STERNBERG, R. J. *Kognitivní psychologie*. Praha: Portál, 2009. ISBN 978-80-7367-638-4.
15. SZOBOIOVÁ, E. *Tvorivosť, od záhady k poznaniu*. Bratislava: Stimul, 2004. ISBN 80-88989-72-3.
16. THALER, R.H.- SUNSTEIN, C.R. *Nudge (Šťouch). Jak postrčit lidi k lepšímu rozhodování*. Zlín: Kniha Zlín, 2010, 309.s. ISBN 80-7168-271-2.
- ZELINA, M. *Výchova tvorivej osobnosti*. Bratislava: UK, 1995. ISBN 80-223-0173-0.

Language, which is necessary to pass the course:slovak language

Notes - student's time:150 hours

combined study (seminars, consultations): 26 hours

preparation of semester thesis, self-study, exam preparation:124 hours

Evaluation of subjects:

| A | B | C | D | E | FX |
|-----|-----|----|----|----|-----|
| 43% | 11% | 0% | 4% | 0% | 43% |

Teacher:

doc. PhDr. Slávka Čepelová, PhD.

prof. PhDr. Miron Zelina, DrSc.

language: Slovak language

Date of last change:20 June 2022

Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA

SUBJECT INFORMATION SHEET

| | | | | | |
|--|----|--|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-301 | | Name: Membership in the organizing committee of the conference | | | |
| Type, scope and method of educational activities | | | | | |
| Subject type (P, PV, V): PV | | | | | |
| Recommended scope of teaching P-S-C/L: | | | | | |
| Study method: combined | | | | | |
| Form of study: full-time | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: | | | | | |
| Method of evaluation and completion of study of the subject: credit | | | | | |
| Interim evaluation: | | | | | |
| Final evaluation: Student participation in organizing a scientific event content-oriented to the student's study issue. | | | | | |
| Learning outcomes (performance standard): | | | | | |
| The student will gain an overview of ensuring the successful course of a scientific event, he is able to apply his organizational skills in ensuring a scientific event. | | | | | |
| Brief outline of the subject (content standard): | | | | | |
| Recommended literature: | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 90 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

| | | | | | |
|--|----|---|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-302 | | Name: Published article from the domestic scientific conference | | | |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | | | | | |
| Number of credits: 4 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: Final evaluation: Publication of a contribution within the domestic scientific conference focused on the issue of the student's dissertation. | | | | | |
| Learning outcomes (performance standard): The student is able to create a contribution and present the results of his work at a domestic scientific conference. | | | | | |
| Brief outline of the subject (content standard): The professional/scientific text is a presentation of the student's ongoing scientific and research results. | | | | | |
| Recommended literature: According to the topic and scientific/professional direction of the contributions. | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 120 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

| | | | | | |
|--|----|---|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-303 | | Name: Published contribution from a foreign scientific conference | | | |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | | | | | |
| Number of credits: 5 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: Final evaluation: Publication of a contribution in the framework of a foreign scientific conference focused on the issue of the student's dissertation. | | | | | |
| Learning outcomes (performance standard): The student is able to create a scientific text and present the results of his work (also in a foreign language) at a foreign scientific conference. | | | | | |
| Brief outline of the subject (content standard): The professional/scientific text is a presentation of the student's ongoing scientific and research results. | | | | | |
| Recommended literature: According to the topic and scientific/professional direction of the contributions. | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 150 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

| | | | | | |
|---|----|---|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-304 | | Name: Participation in the solution of the research project | | | |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | | | | | |
| Number of credits: 5 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: Final evaluation: Participation of the student in the solution of a domestic or foreign grant agency project related to the issue of the student's dissertation. | | | | | |
| Learning outcomes (performance standard): The student gains an overview of the issues addressed in the dissertation, he is capable of research work and can work scientifically in a team. | | | | | |
| Brief outline of the subject (content standard): The professional/scientific text is a presentation of the student's ongoing scientific and research results. | | | | | |
| Recommended literature: According to the topic and scientific/professional direction of the contributions. | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 150 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

| | | | | | |
|--|----|--|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-305 | | Name: Scientific text in domestic publications of category A | | | |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | | | | | |
| Number of credits: 12 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: Final evaluation: Publication of a scientific text within domestic publications of category A focused on the issue of the student's dissertation. | | | | | |
| Learning outcomes (performance standard): The student is capable of creating a scientific text and presenting the results of his work in domestic publications of the A category. | | | | | |
| Brief outline of the subject (content standard): The professional/scientific text is a presentation of the student's ongoing scientific and research results. | | | | | |
| Recommended literature: According to the topic and scientific/professional direction of the contributions. | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 360 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

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|---|----|---|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-306 | | Name: Scientific text in foreign publications of B category | | | |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | | | | | |
| Number of credits: 8 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: Final evaluation: Publication of a scientific text within foreign publications of category B focused on the issue of the student's dissertation. | | | | | |
| Learning outcomes (performance standard): Publication of a scientific text within foreign publications of category B focused on the issue of the student's dissertation. | | | | | |
| Brief outline of the subject (content standard): The professional/scientific text is a presentation of the student's ongoing scientific and research results. | | | | | |
| Recommended literature: According to the topic and scientific/professional direction of the contributions. | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 240 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

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|---|----|--|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-307 | | Name: Implementation of the specified pedagogical activity | | | |
| Type, scope and method of educational activities Subject type (P, PV, V): PV Recommended scope of teaching P-S-C/L: Study method: combined Form of study: full-time | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: Method of evaluation and completion of study of the subject: credit Interim evaluation: Final evaluation: The activity of a doctoral student in the pedagogical process when focusing on new trends in teaching or focusing on the issue addressed in the dissertation. Analysis of the implemented pedagogical activity. | | | | | |
| Learning outcomes (performance standard): The student is able to apply theoretical knowledge in practice, methodically apply the knowledge acquired during the course of study while performing teaching activities, present his own examples of practice, use teaching aids and didactic techniques, receive feedback on his own teaching activities and carry out an evaluation of his teaching activities. | | | | | |
| Brief outline of the subject (content standard): | | | | | |
| Recommended literature: | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 90 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |

SUBJECT INFORMATION SHEET

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|---|----|---|----|----|----|
| University: DTI University | | | | | |
| Faculty: | | | | | |
| Code: DTPP-307 | | Name: Obtaining domestic/foreign scientific acclaim | | | |
| Type, scope and method of educational activities | | | | | |
| Subject type (P, PV, V): PV | | | | | |
| Recommended scope of teaching P-S-C/L: | | | | | |
| Study method: combined | | | | | |
| Form of study: full-time | | | | | |
| Number of credits: 3 | | | | | |
| Recommended semester: | | | | | |
| Degree of study: 3rd | | | | | |
| Conditional subject: | | | | | |
| Conditions for completing the course: | | | | | |
| Method of evaluation and completion of study of the subject: credit | | | | | |
| Interim evaluation: | | | | | |
| Final evaluation: The student will receive domestic or foreign scientific approval in accordance with the applicable standard. | | | | | |
| Learning outcomes (performance standard): | | | | | |
| The student establishes himself in a domestic or foreign scientific research area. | | | | | |
| Brief outline of the subject (content standard): | | | | | |
| Recommended literature: | | | | | |
| Language, which is necessary to pass the course: slovak language | | | | | |
| Notes - student's time: 90 hours | | | | | |
| Evaluation of subjects: | | | | | |
| A | B | C | D | E | FX |
| 0% | 0% | 0% | 0% | 0% | 0% |
| Teacher: | | | | | |
| trainer | | | | | |
| Date of last change: 20 June 2022 | | | | | |
| Approved by: prof. PaedDr. Ing. Roman Hrmo, PhD., MBA | | | | | |