

CATALOGUE OF SERVICES

University of South Bohemia in České Budějovice
Technology Transfer Office

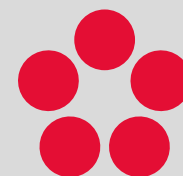
Output of the key activity Transfer
of the project „Development of the USB - Capacities for R&D II“, reg. nr. CZ.02.2.69/0.0/0.0/18_054/0014638
funded by the Operational Programme Research, Development and Education



EUROPEAN UNION
European Structural and Investing Funds
Operational Programme Research,
Development and Education



MINISTRY OF EDUCATION,
YOUTH AND SPORTS



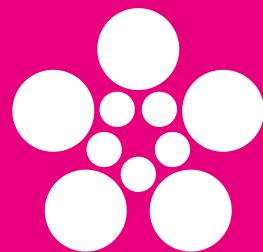
Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice



South Bohemian University
and Academy Technology
Transfer Centre

Overview of offered services

Departement	Service
Ekonomická fakulta Faculty of Economics	IT Services
	Data Processing
	Carpooling System for Rural Areas
Filozofická fakulta Faculty of Philosophy	Mobile Application ATiZu
	Bilingual Database From Tradition to The Future
Fakulta rybářství a ochrany vod Faculty of Fisheries and Protection of Waters	Analysis of Lipids and Fatty Acid Composition
	Study of Influence of Xenobiotics on Aquatic Organisms
	The Determination of Ploidy Level and DNA Content in Fish
	Effects on Pollutants in Aquatic Environment
	Biomonitoring of Localities (macrozoobentos and fish communities, crayfish population survey)
	BioWes
	Biomonitoring
Pedagogická fakulta Faculty of Education	Image Processing
	Counseling in the Field of Teaching and Testing or a Foreign Language (English)
	Virtual Reality 3D Lab
	Socio-economic analysis
	Destructive Testing of Mechanical Properties of Materials
	Control, Automation and Evaluation of Physical and Technical Measurements
	Basics of Computer-aided Design
Přírodovědecká fakulta Faculty of Science	Computer Modelling of Physical Processes
	Laboratory of Applied Plasma Physics and Nanostructures
	Hardware in the Loop Simulator
	Qualification course accredited by the Ministry of Education, Youth and Sports: Head of Children’s Camps
	Qualification course for hospital chaplains
	Qualification Course Accredited by the Ministry of Education, Youth and Sports: Study of Pedagogy to Obtain the Qualification of a Leisure Teacher who Performs Complex Direct Pedagogical Activities in Interest Education
	Qualification Course Accredited by the Ministry of Education, Youth and Sports: Course for Heads of Interest Groups
Teologická fakulta Faculty of Theology	Qualification Course Accredited by the Ministry of Education, Youth and Sports: Study in Pedagogical Sciences-Education
	Website nebojse.eu
	Website poradimeti.cz
	Assesment of Water Quality in Inland Water Reservoirs
	Microbiological Analysis of Raw Materials and Food
	Determination of Meat and Meat Products components
	Analysis of Milk, Yoghurt and Cheese Composition
Fakulta zemědělská a technologická Faculty of Agriculture and Technology	Processing and, where appropriate, Control of Quality and Hygiene Systems in the Foof Industry
	Physiotherapy Center
	Centre for the Prevention of Civilization Diseases
	Centre of Activities for Seniors
	Self-help Group "We take care of loved ones"
	Lactation Couseling
	Rheumatology Counseling
Zdravotně sociální fakulta Faculty of Health and Social Studies	Centre for Health Literacy



Ekonomická
fakulta
Faculty
of Economics

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Title

IT services

Key words

- system .NET.
- web systems
- web systems
- intelligent household

Description

- Design and implementation of selected program modules in .NET.
- Design and implementation of selected web systems.
- Design and implementation of applications in CMS Django and Plone environments
- Design and implementation of smart home control systems.

Fields

- 1.2 Computer and information sciences
- 10201 Computer sciences, information science, bioinformatics

Commercial use

ICT services users

Price

by agreement

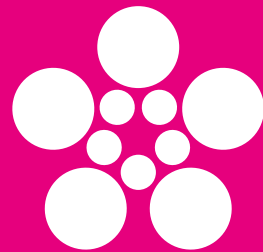
Contact

jctt@jcu.cz

Link

[Ekonomická fakulta JU - Department of Applied Mathematics and Informatics \(jcu.cz\)](http://Ekonomická fakulta JU - Department of Applied Mathematics and Informatics (jcu.cz))





Ekonomická
fakulta
Faculty
of Economics

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Title

Data processing

Key words

- statistics
- data mining
- analysis
- simulation models

Description

- We will help formulate a research assignment
- We will advise on data collection.
- We process the results using modern quantitative techniques using statistics, data mining or optimization tools.
- We also offer (geo)demographic and socio-geographical analyses, gis analysis; application of continuous and discrete simulation models.
- We will prepare the results in the form of a report or in the form of a presentation

Fields

- 1.2 Computer and information sciences
- 10201 Computer sciences, information science, bioinformatics

Commercial use

potential users of data processing

Price

by agreement

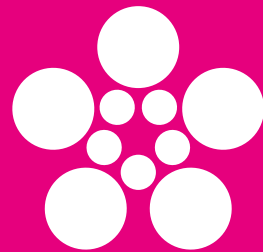
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Title

Carpooling system for rural areas

Key words

- Applications for carpooling
- Carpooling
- Solidarity
- Increasing mobility

Description

- Providing an application for the carpooling of residents of municipalities and smaller cities
- Focus on citizens with reduced mobility (especially seniors and children)

Commercial use

Smaller municipalities in the Czech Republic

Price

890 CZK acquisition of the application the first year

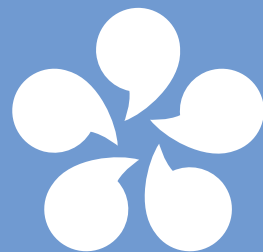
Contact

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Links

<https://jedemespolu.cz>





Filozofická
fakulta
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of Philosophy

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University of South Bohemia
in České Budějovice

Title

Mobile application ATiZu

Key words

- linguistic, literary and cultural heritage
- Eastern Bavaria
- South Bohemia
- dynamic map

Description

The ATiZu mobile application (From Tradition to the Future) provides basic information on the results of a project in which the University of South Bohemia and the University of Passau researched linguistic, literary and cultural heritage on both sides of the border. If you are interested, more detailed information on the topic is also available here, but it is simplified for the average user - a non-expert - into a more understandable form. The mobile application also works as a route planner to the locations of Southern Bohemia and Eastern Bavaria, and you can view available information via the application: occurrence of Czech and German surnames, literary connections between České Budějovice and Passau or memories of witnesses living there. The mobile application is available in the App Store for iPhones and iPads or in the Play Store for Android devices.

Fields

- 6.2 Languages and Literature:
- 60203 Linguistics
- 60206 Specific literatures

Commercial use

Use for professional (e.g. teaching material for schools) and the public of the border regions of Southern Bohemia and Eastern Bavaria, visitors to these regions, information and cultural centres, or tourist associations of the territories concerned.

Price

free

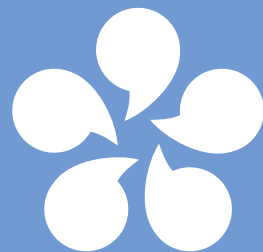
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Link

<http://www.od-tradice-k-budoucnosti.cz/mobilni-aplikace>





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Title

Bilingual database From tradition to the future

Key words

- linguistic, literary and cultural heritage
- Eastern Bavaria
- South Bohemia
- bilingual database

Description

The bilingual database provides access to research results in the areas of linguistics (research of local names and surnames), literature and social sciences, which were found in the area between Passau and České Budějovice. It contains this parts: local names (especially along the Golden Trail with an explanation of their origin and with pictures of these places); surnames (occurrence and method of integration of German surnames into Czech and adoption of Czech surnames into German); literature (literature represented by literary images, motifs and themes in the common space of the present and the past) and social sciences (questionnaires and interviews with witnesses to multilingualism or experiences of everyday life).

Fields

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- 60203 Linguistics
- 60206 Specific literatures

Commercial use

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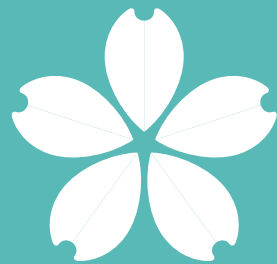
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jctt@jcu.cz

Link

<http://www.od-tradice-k-budoucnosti.cz/dvojjazycna-database>





Fakulta rybnářství
a ochrany vod
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of Waters

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Title

Analysis of lipids and fatty acid composition

Key words

- Fisheries
- Fish
- Nutrition

Description

- Fat content, fatty acid composition of feed, plants food products, various tissues, cells....
- Lipid class composition and phospholipid class composition
- Tocopherol separation and content (ααα)
- biogenic amines
- lipid oxidation and protein oxidation
- Dry matter
- Ash content

Fields

- 40101 Agriculture
- 40103 Fishery
- 30308 Nutrition, Dietetics

Commercial use

Fisheries, Food industry

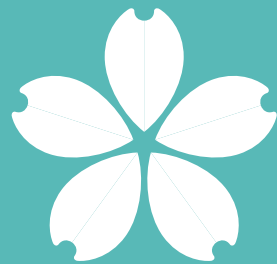
Price

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Contact

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Title **Study of influence of xenobiotics on aquatic organisms**

Key words

- Fisheries
- Fish
- Toxicity

Description

Mainly studies aimed at evaluating the effects and mode of action of xenobiotics (e.g. pesticides, drugs, nitrite, cyanide) on physiology of fish and crayfish are carried out. Recently the laboratory is focused on monitoring the occurrence of endocrine disrupting chemicals, especially synthetic progestin's in the aquatic environment, and assess their effects on fish. The effect of xenobiotics present in the aquatic environment on aquatic organisms is mainly assessed by analysis of selected haematological and biochemical indices, activity of detoxication and antioxidant enzymes, gene expression and histopathological assessment of tissues.

Fields

- 40101 Agriculture
- 40103 Fishery

Commercial use

Fisheries, Chemical industry

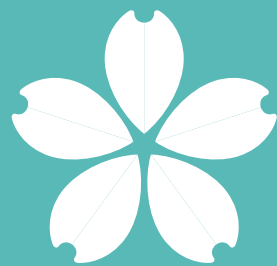
Price

according to a specific requirement

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Title **The determination of ploidy level and DNA content in fish**

Key words

- Fisheries
- Fish
- Ploidy

Description

Flow cytometry is used especially for routine determination of the ploidy level (haploidy, di-, tri-, tetra-, penta-, hexa-, hepta-, oktaploidy) on the basis of relative volume of DNA in nuclei of somatic fish cells or gametes coloured by DNA-specific dyes. We are working with Partec CCA-I flow cytometer and recently also with CyFlow® Cube 8 multichannel flow cytometer, both from Partec GmbH

Fields

- 40101 Agriculture
- 40103 Fishery

Commercial use

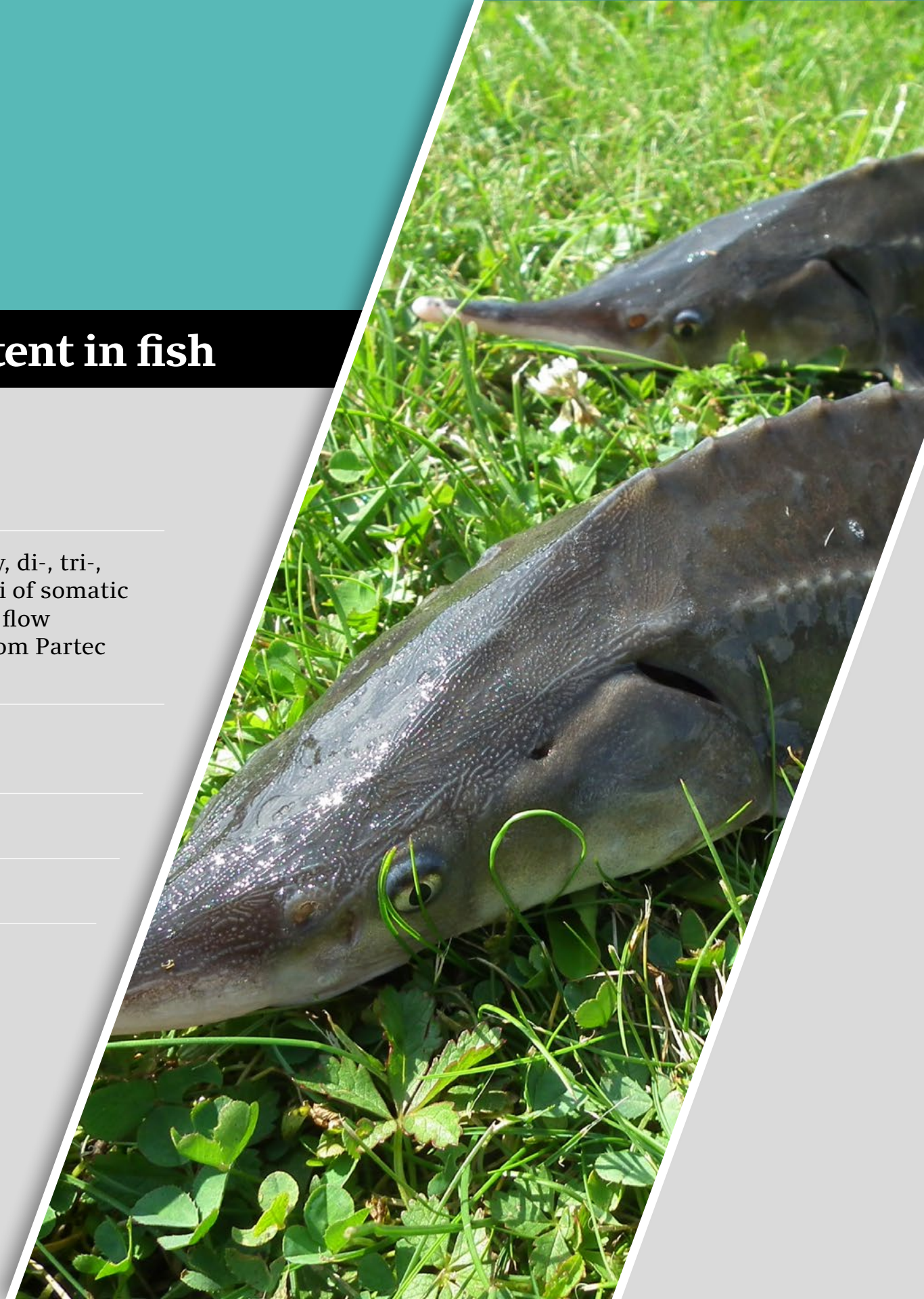
Fisheries

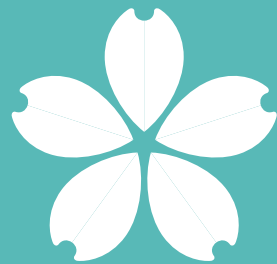
Price

on the basis of negotiations

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Title **Fate and Effects of Pollutants in Aquatic Environment**

Key words

- Fisheries
- Fish
- Pollutants
- Water

Description

Detection of wide spectra of extraneous substances in aquatic environment compartments e.g. pharmaceuticals, illicit drugs, UV filters and pesticides.
Development of new progressive instrumental methods for screening of new compounds
Investigation of effect of pollution on exposed organisms, both field and laboratory studies.

Fields

- 40101 Agriculture
- 40103 Fishery
- 10503 Water resources

Commercial use

Industry, Water treatment

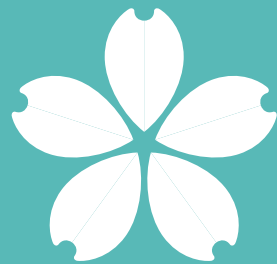
Price

highly specialized studies, the price depends on the scope of the study and is individual

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Title

**Biomonitoring of localities (macrozoobenthos and fish communities,
crayfish population survey)**

Key words

- Fisheries
- Fish
- Ecology

Description

Research into the biology of crayfish and other freshwater invertebrates

- fish biology research
- research on biological invasions
- research into environmental change and its impact on freshwater organisms
- research on running and stagnant water ecosystems
- applied hydrobiology
- research into the phylogenetic relationships of crayfish and other crustaceans

Fields

- 40101 Agriculture
- 40103 Fishery
- 10618 Ecology

Commercial use

Fisheries, Government, Fishing associations

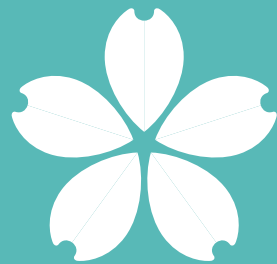
Price

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Fakulta rybníkářství
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Title

BioWes

Key words

- experimental data
- metadatae

Description

Comprehensive solutions from the design of the experiment protocol, through the implementation of the experiment to the sharing and retrieving of data. Basic system functionality: - Local data store - data + metadata

- Support for any data format
- Electronic experiment protocol - reusability
- Direct link between experimental data and description of the experiment
- Support for standardization (Bioportal)
- Automatic acquisition of instrument settings data
- Simple sharing system
- Search in experiment metadata
- Specialized plug-ins for processing specific data

Fields

- 1.2 Computer and information sciences
- 10201 Computer sciences, information science, bioinformatics

Commercial use

Data management

Price

by agreement

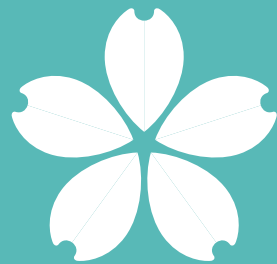
Contact

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Link

www.biowes.org





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Title

Biomonitoring

Key words

- Fisheries
- Fish
- crayfish

Description

Monitoring of water quality on the basis of fish and crayfish and development of systems for capturing and analysing moving fish flocks:

- monitoring of crayfish heart rate
- tracking the movement of fish flocks and crayfish.
- 24h/day record.

Fields

- 4.1 Agriculture, Forestry nad Fisheries
- 40103 Fishery

Commercial use

Fish farms

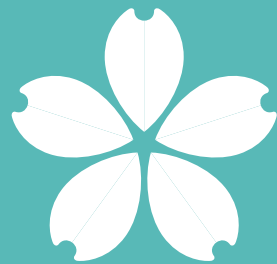
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Fakulta rybnářství
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Title

Image processing

Key words

- Image processing
- fish
- sea horses

Description

A wide range of complementary subtopics within the solution of image processing and analysis tasks are:

- Fish and seahorses – evaluation of color change.
- Segmentation of images from fluorescence microscopy.
- Subtly imaging in confocal fluorescence microscopy.
- Image registration.

Fields

- 4.1 Agriculture, Forestry nad Fisheries
- 40103 Fishery

Commercial use

Research institutions

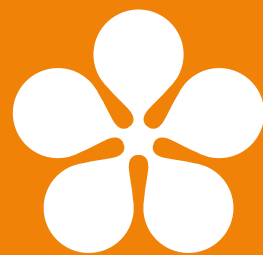
Price

by scope

Contact

jctt@jcu.cz





Pedagogická
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Faculty
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Jihočeská univerzita
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Title Counseling in the field of teaching and testing of a foreign language (English)

Key words

- English language
- Teaching
- Learning
- Testing
- Textbook

Description

The Department of English ATMS specialises in English language teaching. It is able to prepare a tailor-made language course syllabus, create an English language test for a specific language level, create learning materials, evaluation tests, evaluation of teaching materials - e.g. textbooks, fill with content mobile application for English language teaching or testing, provide advice to the Ministry of Education, Social And Social Services or state administration in the field of foreign language teaching and its learning.

Fields

- 6.2 Languages and Literature
- 5.3 Education
- 5.1 Psychology and cognitive sciences

Commercial use

Language level tests, teacher courses, foreign language textbooks, tutorials, mobile applications.

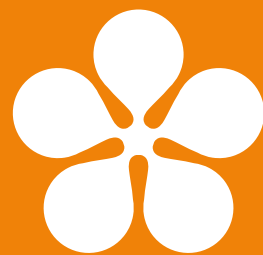
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Title

Virtual reality 3D Lab

Key words

- virtual reality
- 3D environment
- immersive technologies

Description

Lab could be used by all departments of University of South Bohemia. It is focused on using 3D technologies in education and research. The lab is equipped by the following hardware and software:

Hardware

6x VICON Vero 1.3 tracking
2x HMD HTC VIVE + VR ready PC
1x 3D workstation (real-time 3D rendering)
Immersive stereoscopic wall

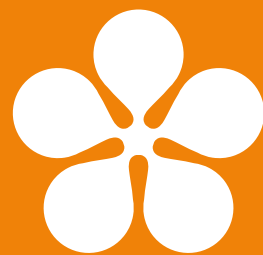
Software:

MiddleVR (Unity 3D) – 2x HMD
EON Reality Studio / EON Experience Portal
BitManagement Studio / Stereo
PolyTrans
ESRI City Engine, GOOGLE VR
Gaya Sky

Immersive wall regimes:

„3D cinema“
„3D presentation“ – using EON Reality or Unity3D
„Immersive lab“ – 3D models on stereoscopic wall
„Total immersive lab“ – 3D models, sceneries and apps using HMD
„Cooperative virtual reality education“ – Sharing 3D virtual space HMD and immersive wall”





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Název

Virtual reality 3D Lab

Fields

- 10200 Computer and information sciences
- 10500 Earth and related environmental sciences

Commercial use

all fields

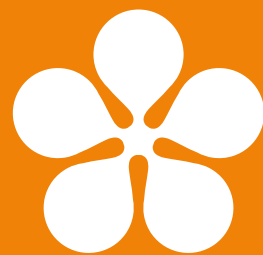
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Title

Socio-economic analyses

Key words

- socio - economic analysis
- development strategy
- development documents
- regional development

Description

Socio-economic analyses are used for the preparation of development documents and strategies for municipalities and regions. Professional socio-economic analyses are focused on the regional development of selected territorial units, either comprehensively (comprehensive solutions of individual areas in the territory) or thematically (transport, migration, demographic structure, optimization of the distribution of socio-economic activities, tourism, etc.). Within the framework of professional socio-economic analyses, possible scenarios of future development of the solved problem in the given area are also created.

Fields

- 50700 Social and economic geography
- 50600 Political science

Commercial use

all strategic and development documents, conceptual documents for the development of municipalities, cities and regions, etc.

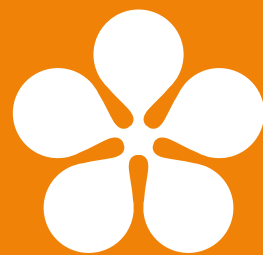
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Title

Destructive testing of mechanical properties of materials

Key words

- Tensile strength
- Modulus of elasticity
- Impact strength
- Hardness

Description

The offered destructive tests of mechanical properties of materials include tests using universal testing machine Shimadzu AG-X Plus 50 kN. Tensile and compressive strength tests can be performed for different types of materials (plastics, wood, metal) as well as the evaluation of related material properties (Young's modulus of elasticity, elongation, determination of yield strength, etc.). Furthermore, impact tests can be performed using a Charpy hammer, especially for non-metallic materials as well as the Vickers and rebound hardness measurements.

Fields

- 2.5 Materials engineering
- 2.3 Mechanical engineering
- 2.11 Other engineering and technologies

Commercial use

Mechanical engineering (research, materials testing), product quality control

Price

individually

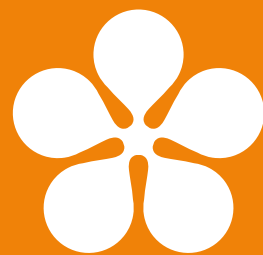
Contact

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Link

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Title Control, automation and evaluation of physical and technical measurements

Key words

- Control
- Data collection
- Measurement
- Evaluation

Description

Automation and evaluation of measurements in the field of physics and technology, specialized measurement of various physical quantities.

Fields

- 1.2 Computer and information sciences
- 2.2 Electrical engineering, Electronic engineering, Information engineering
- 1.3 Physical sciences

Commercial use

Industrial measurement, scientific research

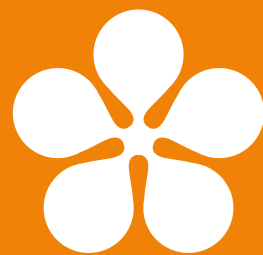
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Title

Basics of computer-aided design

Key words

- Teaching
- CAD
- SolidWorks
- Solid modelling

Description

Basics of working in SolidWorks CAD system. The participants get acquainted with the program environment, drawing entities, binding entities and manipulating them, creating parts, using reference geometry. Creating more complex 3D parts by loft, sweep. An overview of the export of created parts to various formats, depending on the production technology, such as STL, STEP and other formats. Design of bent parts, with ribs and helices.

Fields

- 5.3 Education; 50301 (Education, general; including training, pedagogy, didactics [and education systems])
- 2.3 Mechanical engineering; 20301 (Mechanical engineering).
- 2.11 Other engineering and technologies

Commercial use

computer aided design of parts for 3D printing and mechanical engineering

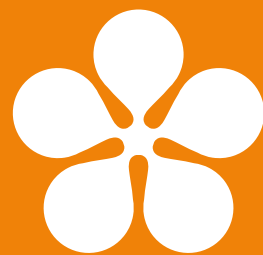
Price

individually

Contact

jctt@jcu.cz





Pedagogická
fakulta
Faculty
of Education

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Computer modelling of physical processes

Key words

- Computer modelling
- Educational models
- Transport phenomena in fluids
- Heat conduction
- Electromagnetic phenomena

Description

Computer modelling of physical and technological processes includes mathematical description of the model and its computer implementation. Models can be designed for teaching or research purposes and related to simulations of physical processes in the form of videos or to calculations concerning, for example, fluid or heat conductions or electrical and magnetic phenomena. Calculations are realized in MATLAB and its extensions, or in COMSOL Multiphysics.

Fields

- 5.3 Education
- 1.3 Physical sciences
- 2.5 Materials engineering

Commercial use

schooling, industry

Price

individually

Contact

jctt@jcu.cz





Přírodovědecká
fakulta
Faculty
of Science

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title Laboratory of applied plasma physics and nanostructures

Key words

- Low temperature plasma
- Thin films
- Functional surfaces
- Nanostructures
- Deposition of functional thin films

Description

The laboratory is oriented on research and tailoring of low temperature plasma processes for deposition of nanostructured (bio)functional thin films. We perform investigation on the border of advanced material science, physics and biochemistry, which deals with the preparation of novel, nanostructured, functional surfaces with possible and preferential application in biotechnology. Functional thin films in our laboratory are preferentially prepared by plasma vapour deposition (PVD) and plasma enhanced chemical vapour deposition (PECVD) methods. We are interested in tailoring of nanostructures for their possible applications. In this way, we deal with topological structures in nanometer dimensions up to homogeneous, dense coatings of micron(s) thickness. We are able to prepare metal, metal oxide, semiconductor, polymer films as well as isolated nanoparticles to develop new materials with high added value.

Fields

- 2.10 Nanotechnologie
- 10305 Fyzika plazmatu a výbojů v plynech
- 2.5 Materiálové inženýrství

Commercial use

Advanced materials, functional surfaces

Price

by agreement

Contact

jctt@jcu.cz

Link

Details: <https://www.prf.jcu.cz/plasma>





Přírodovědecká
fakulta
Faculty
of Science

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Hardware in the Loop simulator

Key words

- HIL
- smart grid
- simulation

Description

We offer the possibility of using Typhoon HIL devices. It is a so-called hardware-in-the-loop simulator. The primary use of the simulator is for high-precision testing of active elements of the electricity network (controllers, inverters, etc.), including simulation of the behavior of island and semi-island networks using energy sources or storages.

Fields

- 10200 1.2 Computer and information sciences
- 20200 Electrical engineering, Electronic engineering, Information engineering
- 20201 Electrical and electronic engineering

Commercial use

Testing of active energy devices, controllers, invertors

Price

by agreement

Contact

jctt@jcu.cz





Teologická
fakulta
Faculty
of Theology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Qualification course accredited by the Ministry of Education, Education, Labour and Sports: Head of Children's Camps

Key words

- head of children's camps
- leisure education
- manager
- pedagogy
- lifelong

Description

The study of the course The main head of children's camps is intended for the heads of the children's and youth sections or other workers with children and youth preparing for the role of head of the children's camp. By completing the course, the participant acquires skills that will prepare him for the role of head of children's camps with the possibility of obtaining a matching qualification. The graduate is equipped with the necessary knowledge for this role, will expand and supplement his/her existing knowledge with working with children and youth, and will help more experienced participants to correct and update their knowledge. The course also provides space for the rights and obligations of the organizers and organizers of children's camps and for methodological support for participants, for solving their specific questions and for suggestions for further development.

Fields

- 50301 Education, general; including training, pedagogy, didactics (and education systems)
- 50302 Education, special (to gifted persons, those with learning disabilities)
- 60302 Ethics

Commercial use

Those interested in obtaining a certificate to perform the position of head manager at summer camps.

Price

1800 CZK

Contact

jctt@jcu.cz

Link

<https://web.tf.jcu.cz/zajemci-o-studium/celozivotni-vzdelavani/nabidka-kurzu-pro-verejnost-1>





Teologická
fakulta
Faculty
of Theology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Qualification course for hospital chaplains

Key words

- chaplaincy
- spiritual accompaniment
- hospital
- lifelong learning

Description

The course for hospital chaplains is part of the regular offer of courses of the Faculty of Theology JU. The course consists of part theoretical and practical in proportion. The theoretical part is divided into three thematic modules with their corresponding subjects: 1) Philosophical and theological basics of hospital chaplaincy; 2) Spiritual care and accompaniment; 3) Theory and practice of health care. In addition to its own practice in two different establishments, the practical block also includes reflective seminars and consultations on professional practice. The practical part serves to deepen and improve acquired knowledge and skills in the field of planning, providing and evaluating spiritual care in health care and in communicating with patients, their relatives and healthcare professionals. The course is intended for persons interested in the issue of hospital chaplaincy, with the recommendation of a representative of one of the churches associated with the ERC, with a minimum completed theological education at bachelor's level.

Fields

- 60303 Theology
- 50101 Psychology
- 50403 Social topics

Commercial use

Those interested in obtaining the qualification of a hospital chaplain.

Price

8500 CZK

Contact

jctt@jcu.cz

Link

<https://web.tf.jcu.cz/zajemci-o-studium/celozivotni-vzdelavani/nabidka-kurzu-pro-verejnost-1>





Teologická
fakulta
Faculty
of Theology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Qualification course accredited by the Ministry of Education, Youth and Social Services: Study of pedagogy to obtain the qualification of a leisure teacher who performs complex direct pedagogical activities in interest education

Key words

- leisure education
- teaching assistant
- educator
- pedagogy
- lifelong learning

Description

The accredited course of the Ministry of Education, Youth and Sports, which TF JU has been implementing since 1993, places the main emphasis on personal accompaniment and work with youth groups. The graduate acquires basic knowledge from pedagogy and psychology and other pedagogical disciplines for the performance of the profession of educator, leisure teacher or assistant teacher. The specific part of the programme is subjects focused on ethics and religious education. The course is intended for graduates of secondary schools, universities and universities.

Fields

- 50301 Education, general; including training, pedagogy, didactics (and education systems)
- 50302 Education, special (to gifted persons, those with learning disabilities)
- 60302 Ethics

Commercial use

Those interested in obtaining the qualifications of educator, leisure teacher and assistant teacher.

Price

14 000 CZK

Contact

jctt@jcu.cz

Link

<https://www.tf.jcu.cz/zajemci-o-studium/celozivotni-vzdelavani/nabidka-kurzu-pro-verejnost-1>





Teologická
fakulta
Faculty
of Theology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

**Qualification course accredited by the Ministry of Education, Education, Labour and Sports:
Course for heads of interest groups**

Key words

- interest education
- leisure education
- manager
- pedagogy
- lifelong learning

Description

The accredited course of the Ministry of Education, Youth and Sports, which is organized twice a year and which has already been successfully completed by many dozens of applicants, prepares the participant of the course as the head of the interest group, who can then lead such a course, for example, at the homes of children and youth. The course is held every three weekends, when lectures will take place first, and below are examples from practice, model situations and short practical exercises. The last of the weekends is then devoted to defending the final thesis on the topic of the participant's choice and to verifying the knowledge gained during previous meetings.

Fields

- 50301 Education, general; including training, pedagogy, didactics (and education systems)
- 50302 Education, special (to gifted persons, those with learning disabilities)
- 60302 Ethics

Commercial use

Those interested in obtaining qualifications for the management of interest groups.

Price

3500 CZK

Contact

jctt@jcu.cz

Link

<https://www.tf.jcu.cz/zajemci-o-studium/celozivotni-vzdelavani/nabidka-kurzu-pro-verejnost-1>





Teologická
fakulta
Faculty
of Theology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Qualification course accredited by the Ministry of Education, Education: Study in pedagogical sciences - education

Key words

- tutorship
- qualification course
- educator
- pedagogy
- lifelong learning

Description

The accredited course of the Ministry of Education, Education, Technology, with which the Faculty of Theology has many years of experience, is one of the most requested courses of the faculty ever. This course is divided into several areas (pedagogy – basic and social; education and pedagogy of leisure, ethical and multicultural education, psychology, legislation and management and basics of health care) and is accompanied by practice and reflection of acquired pedagogical experience. Subjects focused on cultural traditions, ethics and principles of work of ecclesiastical school facilities are also a specific complementary element of the curriculum. The course is intended for high school graduates.

Fields

- 50301 Education, general; including training, pedagogy, didactics (and education systems)
- 50302 Education, special (to gifted persons, those with learning disabilities)
- 60302 Ethics

Commercial use

Those interested in obtaining a tutor qualification

Price

28 000 CZK

Contact

jctt@jcu.cz

Link

<https://www.tf.jcu.cz/zajemci-o-studium/celozivotni-vzdelavani/nabidka-kurzu-pro-verejnost-1>





Teologická
fakulta
Faculty
of Theology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Website nebojse.eu

Key words

- Palliative care
- Hospice
- Spirituality
- Dying

Description

The nebojse.eu website offers interested professionals and the general public information on how to deal with the topic of spirituality in terminally ill people. The aim is to increase the quality of life of patients in palliative care and also of the care staff for these patients. The aim is to increase the quality of life of patients in palliative care and also of the care staff for these patients. Caring staff, but also relatives, friends or colleagues of these patients, often encounter questions about spirituality that they do not feel able to answer competently. Research to date in this area has shown that providing satisfactory answers to these questions leads to a higher quality of life for these patients, a more peaceful acceptance of the disease, forgiveness and acceptance of inevitable death. In the form of short videos, the website wants to provide practical procedures through which interested parties will be able not only to orient themselves in these questions, but also to bring such answers that will be sufficient and satisfactory for the sick.

Fields

- 60301 Philosophy, History and Philosophy of science and technology
- 60303 Theology
- 50403 Social topics (Women's and gender studies; Social issues; Family studies; Social work)

Contact

jctt@jcu.cz

Link

nebojse.eu





Teologická
fakulta
Faculty
of Theology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Web search engine www.poradimeti.cz

Key words

- Social services
- Seniors
- Public health

Description

Pilot version of the search engine for health and social services. It allows you to search for a health or social service according to the client's needs. The search takes place in 3 steps: 1. choosing a life situation, 2. specifying needs, 3. entering the location of the service sought.

Fields

- 5.4.Sociology
- 50204 Business and management

Commercial use

General public

Price

in preparation

Contact

jctt@jcu.cz

Link

www.poradimeti.cz





Fakulta zemědělská
a technologická
Faculty of Agriculture
and Technology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title **Assessment of water quality in inland water reservoirs**

Key words

- chlorophyll
- total insoasurable substances
- remote sensing
- Remote Guard
- image processing

Description

The Department of Applied Ecology is able to evaluate the water quality in your chosen inland water reservoir. The determination is carried out by remote guard software developed by employees of the Department of Applied Ecology together with colleagues from the Faculty of Fisheries and Water Protection. The software estimates the qualitative parameters of water from satellite image. The software allows downloading satellite images from the Sentinel 2a satellite for a user-defined water surface at a given point in time. It then performs the processing of satellite data and their conversion into water qualitative parameters (chlorophyll and total insented substances).

Fields

- 1.2 Computer and information science
- 1.5 Earth and related environmental science
- 10511 Environmental sciences

Commercial use

water management entities

Price

according to the task

Contact

jctt@jcu.cz

Link

<https://remotewaterquality.com>





Fakulta zemědělská
a technologická
Faculty of Agriculture
and Technology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Microbiological analysis of raw materials and food (Department of Food Biotechnology and Quality of Agricultural Products)

Key words

- consultancy
- analysis
- microbiological quality

Description

The Department of Food Biotechnology and Quality of Agricultural Products is able to identify selected indicator groups of microorganisms in raw materials and food for the purpose of assessing microbiological quality. The determination is carried out by a specialist using the culture plate method according to the relevant standards. In order to ensure this service, it is necessary to ensure that the sample is taken accordingly and that the quantity is at least 15 g. analysis and determinations are carried out by standard methods to ensure their repeatability.

This service and determination are not certified.

Fields

- 2.11 Other engineering and technologies
- 4.4 Agricultural biotechnology
- 21101 Food and beverages

Commercial use

agricultural primary production, manufacturing, food industry

Price

price depending on the scope of the analyses carried out and the type of product

Contact

jctt@jcu.cz





Fakulta zemědělská
a technologická
Faculty of Agriculture
and Technology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title **Determination of meat and meat products components**

Key words

- meat
- meat products
- meat maturation
- technology

Description

The Department of Food Biotechnology and Quality of Agricultural Products is able to determine the components of your meat sample and meat products. The determination is carried out by a specialist on a device capable of determining the basic analytical components (fat, proteins, water, salt). In order to provide this service, it is necessary to ensure that the sample of meat or meat product is at least 300 grams. Analysis and determination are carried out by standard methods to ensure their repeatability.

Furthermore, we are able to provide advice in the field of meat maturation technology and meat production.

These services and designations are not certified.

Fields

- 2.11 Other engineering and technologies
- 4.4 Agricultural biotechnology
- 21101 Food and beverages

Commercial use

meat industry

Price

price depending on the scope of the analyses carried out and the type of product

Contact

jctt@jcu.cz





Fakulta zemědělská
a technologická
Faculty of Agriculture
and Technology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title **Analysis of milk, yoghurt and cheese composition**

Key words

- composition of milk, yoghurt and cheese - fat, protein, lactose, and dry matter content
- selected qualitative parameters - acidity (active and total), conductivity, consistency
- residues of inhibitory substances - beta-lactam and tetracycline antibiotics

Description

The Department is able to determine the composition of milk, yoghurt and cheese samples. Determination of the composition is performed by a specialist on the device, who is able to determine fat, protein, lactose, and dry matter content. Evaluation of selected qualitative indicators - acidity, conductivity, RIL and others can also be done. To ensure this service, it is necessary to ensure that the milk sample is stored at a temperature of 4 to 8 ° C, is not older than 24 hours and its amount is at least 100 ml. Amount of yoghurt and cheese sample - 150 g. Analysis and determination are performed by standard methods that ensure their repeatability.

This service and determination are not certified.

Fields

- 4.2 Animal and Dairy science
- 4.4 Agriculture biotechnology
- 40201 Animal and Dairy science

Commercial use

dairy

Price

according to the required analyses

Contact

jctt@jcu.cz





Fakulta zemědělská
a technologická
Faculty of Agriculture
and Technology

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

**Processing and, where appropriate, control of quality and hygiene systems
in the food industry**

Key words

- hygiene system
- HACCP
- product quality
- ISO, BRC, IFFS

Description

The Department of Food Biotechnology and Quality of Agricultural Products is able to provide expert advice in the planning of processing operations of the food industry, taking into account in particular the HACCP system. It also provides consultancy activities in the control and validation of already processed HACCP systems. This service and determination are not certified.

Fields

- 2.11 Other engineering and technologies
- 4.4 Agricultural biotechnology
- 21101 Food and beverages

Commercial use

food industry

Price

depending on the scope of work

Contact

jctt@jcu.cz





Zdravotně
sociální fakulta
Faculty of Health
and Social Studies

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Physiotherapy center

Key words

- musculoskeletal disorders
- back and joint pain
- neurological diseases

Description

comprehensive services of an outpatient specialist in the field of Physiology, Balneology and Therapeutic Rehabilitation; above-standard examination of the musculoskeletal system by static posturography and surface electromyography; comprehensive kinesiological analysis; individual physiotherapy using neurophysiological and analytical methods; manual therapy in the form of soft tissue techniques, mobilization of joints and spine, scar care, classic massages, reflex massages; physical therapy – laser, ultrasound, electrotherapy, combination therapy, thermotherapy; kinesiотaping; reeducation of movement stereotypes, ergonomics; preventive and regenerative physiotherapy;

Fields

- 3.1 Basic medicine
- 30105 Physiology

Commercial use

persons with problems with the musculoskeletal system

Price

depending on the type of service provided

Contact

jctt@jcu.cz

Links

<https://www.zsf.jcu.cz/en/faculty/departments/institute-of-applied-health-and-social-sciences>



Jihočeská univerzita
v Českých Budějovicích

Zdravotně
sociální
fakulta

Faculty of Health
and Social Studies





Zdravotně
sociální fakulta
Faculty of Health
and Social Studies

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Centre for the Prevention of Civilization Diseases

Key words

- health education
- nutritional advice
- motion consultancy

Description

The aim of the centre's operation is to implement preventive interventions at primary, secondary and tertiary levels. The centre's staff provide preventive intervention of a short-term or long-term nature according to the wishes and needs of the client, they work in health education and health education.

Fields

- 3.3. Health Sciences
- 30304 Public and Environmental Health
- 30305 Occupational Health

Commercial use

Price

depends on the service

Contact

jctt@jcu.cz

Links

<https://www.zsf.jcu.cz/en/faculty/departments/institute-of-applied-health-and-social-sciences>



Jihočeská univerzita
v Českých Budějovicích

Zdravotně
sociální
fakulta

Faculty of
Health and Social
Studies





Zdravotně
sociální fakulta
Faculty of Health
and Social Studies

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Center of activities for seniors

Key words

- memory training
- follow-up care
- care for the elderly

Description

We organize memory training courses for seniors and seniors, we implement a volunteer program at the Hospital České Budějovice, a.s. (2nd department of follow-up care, oncology department) - project of the Ministry of Foreign Affairs of the Czech Republic 2017, we are engaged in lecture activities.

Fields

- 3.3 Health Science

Commercial use

seniors

Price

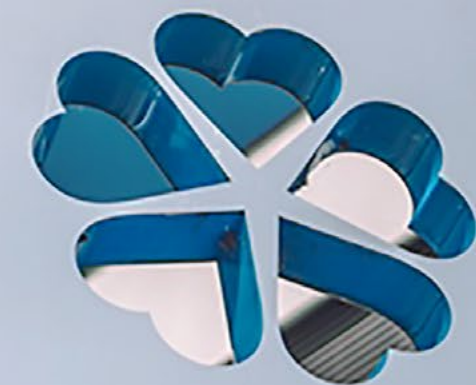
by agreement

Contact

jctt@jcu.cz

Links

<https://www.zsf.jcu.cz/en/faculty/departments/institute-of-applied-health-and-social-sciences>



Jihočeská univerzita
v Českých Budějovicích

Zdravotně
sociální
fakulta

Faculty of
Health and Social
Studies





Zdravotně
sociální fakulta
Faculty of Health
and Social Studies

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Self-help group “We take care of our loved ones”

Key words

- psychosocial counselling
- healthy lifestyle
- social counselling
- care for immobile clients

Description

The aim of the support group is to share experience, support and help lay carers in a challenging life situation. A self-help group is a place where family carers can get a lot of information about how they can take good care of their loved one, but also themselves. Furthermore, they can get answers to their specific questions here. The target group of users are family carers who care for adults with reduced self-care (seniors 65+, people with dementia, stroke, etc.) in their home environment and parents of children with disabilities.

Fields

- 3.3 Health Science

Commercial use

Price

free

Contact

jctt@jcu.cz

Links

<https://www.zsf.jcu.cz/en/faculty/departments/institute-of-applied-health-and-social-sciences>



Jihočeská univerzita
v Českých Budějovicích

Zdravotně
sociální
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Faculty of
Health and Social
Studies





Zdravotně
sociální fakulta
Faculty of Health
and Social Studies

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Lactation counselling

Key words

- breastfeeding
- lactation
- consultancy

Description

Lactation counselling offers services for pregnant and breastfeeding mothers. The consultancy is led by lactation consultant Alena Machová, consultations take place in an equipped counselling center. Counselling can be requested in agreement with a lactation consultant in a home environment. In the counselling room it is possible to lend mothers home with baby weight and breast milk extractors for payment.

Fields

- 3.3 Health Science
- 30307 Nursing

Commercial use

Price

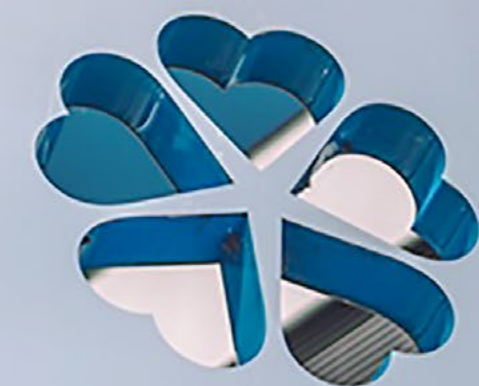
according to specifications

Contact

jctt@jcu.cz

Links

<https://www.zsf.jcu.cz/en/faculty/departments/institute-of-applied-health-and-social-sciences>



Jihočeská univerzita
v Českých Budějovicích

Zdravotně
sociální
fakulta

Faculty of
Health and Social
Studies





Zdravotně
sociální fakulta
Faculty of Health
and Social Studies

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Rheumatology Counselling

Key words

- rheumatological diseases
- health physical education

Description

In counselling we offer health education to patients who are treated with rheumatic diseases. Individual and group consultations are led by Věra Stasková. The regular content of the counselling is health physical education and group meetings of our clients.

Fields

- 3.3 Health Science

Commercial use

Price

according to specifications

Contact

jctt@jcu.cz

Links

<https://www.zsf.jcu.cz/en/faculty/departments/institute-of-applied-health-and-social-sciences>



Jihočeská univerzita
v Českých Budějovicích

Zdravotně
sociální
fakulta

Faculty of
Health and Social
Studies





Zdravotně
sociální fakulta
Faculty of Health
and Social Studies

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

Title

Centre for Health Literacy

Key words

- health literacy
- primary care

Description

The aim of the centre's operation is to promote health literacy in primary care. We offer assistance to general pediatricians, registered pediatricians, non-medical healthcare professionals (children's nurses, general nurses) and their clients in the field of education, monitoring and evaluation of increases in health literacy in surgeries. Lecture and educational activities cooperation with general practitioners' offices and registrar pediatricians in the field of education, monitoring and evaluation of health literacy improvement in registered clients/patients direct work with clients in the field of increasing health literacy updating educational materials processing feedback and evaluation outputs project solutions

Fields

- 3.3 Health Science

Commercial use

Price

according to specifications

Contact

jctt@jcu.cz

Links

<https://www.zsf.jcu.cz/en/faculty/departments/institute-of-applied-health-and-social-sciences>



Jihočeská univerzita
v Českých Budějovicích

Zdravotně
sociální
fakulta

Faculty of
Health and Social
Studies

