

Translated content of the older presentation of the Faculty of Electrical Engineering, Univ. of Zilina
https://www.youtube.com/watch?feature=player_embedded&v=SLHw8GAj2i4

(FEE UNIZA, 2013 / translated by Ales Janota, DCIS)

Text (opening credits):

*UNIVERSITY OF ZILINA
Faculty of Electrical Engineering
presents
the presentation movie*

Faculty of Electrical Engineering

(Introductory sequences – students reading information booklets with study programmes of individual faculties at the University)

Speech:

The Faculty of Electrical Engineering belongs to the oldest faculties of the University of Zilina. Annually it prepares a lot of professionals in technical professions. Nowadays it offers secondary school undergraduates possibility to continue their education in 6 bachelor degree study programmes.

The latest trend in manufacture and information processing is automation of control processes. These bring new challenges into production processes, effectiveness of manufacture and last but not least cost savings. A graduate of this field of study (Automation – note) is ready to effectively realize information services for operative control, with support of automation and computer techniques to realize control of communication in safe-related and dependable systems, including diagnostic systems.

An interesting study programme is also the Biomedical engineering which combines theoretical medical courses and information technologies. The objective is fast and patient-friendly provision of quality health-care, especially from the viewpoint of progressive and computer-aided systems, especially in medical diagnostics, prevention and rehabilitation. The perspective of biomedical engineering increases, thanks to increasing the level of technical equipment in health centres and the need to improve support technologies. The graduates of the bachelor study are offered to participate in a proper practice and even after that to continue their study in the second (master) degree. It is a common approach applied in many foreign universities with similar orientation.

Who is attracted by the world of electrical engineering, has a chance to choose the study programme of the same name. During study the students will become acquainted with power electrical engineering, electrical drives, electrical traction and electro-energetics. They will also learn to use applied microprocessor technique, programming and mechatronics. It is not only about theory; students also learn to develop their practical skills – service, repair, installations, all of that are common abilities of the graduate. Since nowadays orientation at the market is also needed, students will learn quality management, they understand marketing and trade, and electro-technical standards as well. During the study modern equipment is being utilized, computers and instruments. The matter of course is also computer design and construction.

Information transmission is also closely linked to the study programme in Telecommunications. Obviously, rapid development of digital communications means significant growth of demands on technical provision of transmission systems. Students of the Telecommunications study programme get knowledge on both structure and operation of fixed and mobile networks, their use, adaptation and legislation in the field communication systems. If apart from technical talent you have also creative thinking, the study programme in Multimedia technologies could be a good choice for you. The students learn how to process and analyse sound, digital

video on adequate level, they work with computer graphic and animation, multimedia web-pages, and advertisement, focused on design and presentation. Within the technical support, students get knowledge on digital audio-video systems, applications and software solutions. Legal and ethical aspects of multimedia design are also the matter of course.

The study program in Digital technologies is well suited to today's digital world. Students get knowledge and skills from the area of communication systems, networks and services extended by practical skills within digital technologies. This mostly concerns information processing, transmission and switching systems and digital systems. The graduate from the study programme Digital technologies could be employed as a technician, technologist, and manager of technician teams or a supervisor of digital equipment.

The student's life is really rich. The Faculty of Electrical Engineering is a part of emerging and developing university campus. Who wants something more than education activities, may use his/her energy in almost 30 optional sports. Some of them are very attractive. The student dormitory is place near the Faculty which is advantageous for those who prefer sleeping longer. Since it is difficult to study when being hungry, reasonably distributed canteens help to solve the problem in question. You are welcomed to make certain of the fact that study at the Faculty of Electrical Engineering is really lively and rich.

Text (end titles):

*Camera: Vladimir Soviar
Martin Boka
Martin Simaliak*

Editor, script, director: Martin Simaliak

*Comments & sound: Dominika Sutakova
Martin Simaliak*

Music: Jan Hammer

Processed at the workplace of the multimedia applications development by the graduates of the study programme multimedia technologies.

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