#### Recomended pass through the study plan

# Name of the pass: Specialization Applied Electrical Engineering - Passage through study

Faculty/Institute/Others: Faculty of Electrical Engineering

Department:

Pass through the study plan: Electrical Engineering, Power Engineering and Management - Applied Electrical

**Engineering 2018** 

Branch of study guranteed by the department: Welcome page

Guarantor of the study branch:

Program of study: Electrical Engineering, Power Engineering and Management

Type of study: Bachelor full-time

Note on the pass:

Coding of roles of courses and groups of courses:

P - compulsory courses of the program, PO - compulsory courses of the branch, Z - compulsory courses, S - compulsory elective courses, PV - compulsory elective courses, F - elective specialized courses, V - elective courses, T - physical training courses

Coding of ways of completion of courses (KZ/Z/ZK) and coding of semesters (Z/L):

KZ - graded assesment, Z - assesment, ZK - examination, L - summer semester, Z - winter semester

#### Number of semester: 1

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members)  Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
BEZB	Safety in Electrical Engineering for a bachelor's degree Ivana Nová, Radek Havlí ek, Vladimír K la Radek Havlí ek Vladimír K la (Gar.)	Z	0	2BP+2BC	Z,L	Р
B0B01LAGA	Linear Algebra Ji í Velebil, Natalie Žukovec, Daniel Gromada, Josef Dvo ák, Mat j Dostál <b>Ji í</b> Velebil Ji í Velebil (Gar.)	Z,ZK	7	4P+2S	Z	Р
B0B01MA1A	Mathematical Analysis 1 Josef Dvo ák, Karel Pospíšil, Veronika Sobotíková Veronika Sobotíková Veronika Sobotíková (Gar.)	Z,ZK	6	4P+2S	Z	Р
B0B99PRPA	Procedural Programming Stanislav Vítek Stanislav Vítek Stanislav Vítek (Gar.)	KZ	4	2P+2C	Z	Р
BEZZ	Basic health and occupational safety regulations Ivana Nová, Radek Havlí ek, Vladimír K la Radek Havlí ek Vladimír K la (Gar.)	Z	0	2BP+2BC	Z	Р
B1B14ZEL1	Fundamentals of Electrotechnical Engineering Ivana Nová, Ji í Beranovský, Vít Hlinovský Ivana Nová	KZ	4	2P+2C	Z	Р
B1B16MME	Macro and Microekonomics Helena Fialová, Lubomír Lízal, Jan Jandera, Blanka Ku erková, Miroslav Vítek Helena Fialová Lubomír Lízal (Gar.)	Z,ZK	5	2P+2S	Z	PZ
2018_BEEMH	Humanitní p edm ty B0B16ET1,B0B16FIL, (see the list of groups below)	Min. cours.  1  Max. cours. 9	Min/Max 4/28			PV

#### Number of semester: 2

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
B0B01DRN	Differencial Equations and Numerical Analysis Daniel Gromada, Josef Dvo ák, Karel Pospíšil, Petr Habala Petr Habala Petr Habala (Gar.)	Z,ZK	4	2P+2C	L	Р
B1B02FY1	Physics 1 Petr Koní ek Petr Koní ek Petr Koní ek (Gar.)	Z,ZK	8	4P+1L+2C	L	Р
B0B01MA2A	Mathematical Analysis 2 Karel Pospíšil, Veronika Sobotíková, Jaroslav Tišer, Zden k Mihula, Martin K epela, Martin Bohata Jaroslav Tišer Petr Hájek (Gar.)	Z,ZK	6	4P+2S	L	Р
B1B13PPS	Industrial computer systems Karel Künzel Karel Künzel Karel Künzel (Gar.)	Z,ZK	4	2P+2L	L	Р

B1B15VYA	Computational Applications Jan Kyncl Jan Kyncl (Gar.)	KZ	4	2P+2C	L	Р
2018 BEEMVOL	Volitelné p edm ty	Min. cours.	Min/Max			V
2016_BEEWIVOL		0	0/999			V

#### Number of semester: 3

Code	Tutors, authors and guarantors (gar.)		Credits	Scope	Semester	Role
B1B31EOS	Electric circuits Martin Pokorný, Michal Šimek <b>Martin Pokorný</b> Martin Pokorný (Gar.)	Z,ZK	6	3P+2S	Z	Р
B1B17EMP	Electromagnetic Field Vít zslav Pankrác Vít zslav Pankrác (Gar.)	Z,ZK	5	2P+2C	Z	Р
B1B34EPS	Elektronics for Heavy-current engeneering Vladimír Janí ek, Adam Bou a, Jan Novák, Tomáš Teplý, Tomáš Martan Vladimír Janí ek Vladimír Janí ek (Gar.)	KZ	4	2P+2L	Z	Р
B1B02FY2	Physics 2 Petr Koní ek Petr Koní ek (Gar.)	Z,ZK	7	3P+1L+2C	Z	Р
B0B01KANA	Complex Analysis Zden k Mihula, Martin Bohata, Hana Tur inová <b>Martin Bohata</b> Martin Bohata (Gar.)	Z,ZK	4	2P+2S	Z	Р
B1B13MVE1	Materials for Power Electrical Engineering Jan Zemen, Pavel Mach, Josef Sedlá ek, Karel Dušek, Ivana Beshajová Pelikánová Karel Dušek Pavel Mach (Gar.)	Z,ZK	4	2P+2L	Z	Р

#### Number of semester: 4

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
B1B38EMA	Electrical Measurements Jakub Svatoš Jakub Svatoš Jakub Svatoš (Gar.)	KZ	5	2P+2L	L	Р
B1B15EN11	Power Engineering 1 Ivo Doležel, Zden k Müller, Ladislav Musil	Z,ZK	5	3P+2S	L	Р
B1B13TEP	Electrical engineering technological processes Pavel Mach, Karel Dušek, Petr Veselý, Jan Kuba, Radek Procházka Karel Dušek Pavel Mach (Gar.)	Z,ZK	4	3P+2L	L	Р
B1B14ZSP	Electric Machines and Apparatuses Basics Pavel Kobrle, Pavel Mindl Pavel Kobrle Pavel Kobrle (Gar.)	Z,ZK	5	3P+2L	L	Р
B0B01STP	Statistics and Probability Kate ina Helisová, Jakub Stan k, Miroslav Korbelá , Bogdan Radovi Kate ina Helisová Kate ina Helisová (Gar.)	Z,ZK	5	2P+2S	L	PZ
B1B13VES	Manufacturing of Electrical Components Václav Papež Václav Papež Václav Papež (Gar.)	Z,ZK	6	2P+2L	L	PZ

#### Number of semester: 5

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
B1B15EN2	Power Engineering 2 Ivo Doležel, Zden k Müller	Z,ZK	5	2P+2L	Z	Р
B1BPROJ4	Bachelor project Miroslav Vítek, Jan Mikeš, Karel Künzel, Jan Kyncl, Ivana Beshajová Pelikánová, Zden k Müller, Jan Bauer, Vít Klein, Stanislav Bou ek, Jan Bauer Jan Bauer (Gar.)		4	4s	Z,L	Р
B1B13VVZ1	Manufacturing of Power Devices Jan Kuba, Jií Hájek, Petr Gric <b>Jií Hájek</b> Jií Hájek (Gar.)	Z,ZK	4	2P+2L	Z	Р
B1B14ZPO	Fundametals of Electric Drives Pavel Kobrle Pavel Kobrle	Z,ZK	5	2P+2L	Z	Р
B1B14ZVE	Power Electronics Jan Bauer, Ji í Lettl Ji í Lettl (Gar.)	Z,ZK	4	2P+2L	Z	Р
B1B15EN3	Power Engineering 3 Jan Kyncl, Petr Žák, Petr Žák Jan Kyncl (Gar.)	KZ	4	2P+2L	Z	PZ
B1B14MIS	Microprocessors for Power Systems Jan Bauer Jan Bauer Ji í Zd nek (Gar.)	Z,ZK	5	2P+2L	Z	PZ

Number of semester: 6

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
BBAP15	Bachelor thesis	Z	15	15s	L,Z	Р
B1B13SSE1	Solar Systems and Electrochemical Sources Pavel Hrzina, Vít zslav Benda Pavel Hrzina Vít zslav Benda (Gar.)	Z,ZK	5	2P+2L	L	PZ
2018_BEEMPV1	Povinn volitelné p edm ty programu B1B15EPR1,B1B14TME1, (see the list of groups below)	Min. cours. 2 Max. cours. 2	Min/Max 10/10			PV

## List of groups of courses of this pass with the complete content of members of individual groups

Kód		Name of the group of group (for specification	courses and on see here o	d codes of members of this or below the list of courses)	Com	pletion	Credi	ts Scope	Semester	Role
2018_BEEMH		н	Humanitní n edm. tv			Min. cours.  1 Min/Max Max. cours. 4/28				PV
B0B16ET1	Ethic 1		B0B16FIL	Philosophy		B0B16FI	1	Philosophy 1		
B0B16HTE	History of t	echnology and econom	B0B16HT1	History of science and technolog		B0B16H	6HI1 History 1			
B0B16MPS	Psycholog	У	B0B16MPL	Psychology for managers		A003TV		Physical Educ	ation	
2018_BEI	EMPV1	Povinn ve	olitelné p ed	m ty programu		cours. 2 . cours.	<b>Min/M</b>			PV
	1=			T=		2				
B1B15EPR1	· ·	Power Engineering	B1B14TME1	Engineering mechanics		B1B13TI	PR	Technological	Project Plannin	g
B1B16UEE1	Economy of	of Power Industry								
2018_BEI	EMVOL	V	/olitelné p ed	dm ty	Min.	cours. 0	Min/M 0/99			v

### List of courses of this pass:

Code	Name of the course	Completion	Credits							
A003TV	Physical Education	Z	2							
B0B01DRN	Differencial Equations and Numerical Analysis	Z,ZK	4							
This course introdu	This course introduces students to the classical theory of ordinary differential equations (separable and linear ODEs) and also to bsics of numerical methods (errors in calculation									
stability, numerical solutions of algebraic and differential equations and their systems). The course takes advantage of the synnergy between theoretical and practical point of vi										
B0B01KANA	Complex Analysis	Z,ZK	4							
B0B01LAGA	Linear Algebra	Z,ZK	7							
B0B01MA1A	Mathematical Analysis 1	Z,ZK	6							
	This is an introductory course to differential and integral calculus of functions of one real variable.									
B0B01MA2A	Mathematical Analysis 2	Z,ZK	6							
The subject cover	s an introduction to the differential and integral calculus in several variables and basic relations between curve and surface integrals.	Other part contain	ns function							
	series and power series with application to Taylor and Fourier series.									
B0B01STP	Statistics and Probability	Z,ZK	5							
B0B16ET1	Ethic 1	KZ	4							
Aim of this subject i	s to provide the students an orientation not only in general problems of ethics but above all to offer instructions for solving various situ	ations of human li	fe. Essential							
parts of	the subject are discussions in which students can react to lectures but also to actual questions coming with news and look for the co	ommunal answers.								
B0B16FI1	Philosophy 1	KZ	4							
We deal with the	most important persons, schools and ideas of ancient philosophy. We are concerned especially on transdisciplinary nature of philosophy.	ophy and connecti	on of old							
	philosophical thoughts with recent problems of science, technology, economics and politics.									
B0B16FIL	Philosophy	ZK	2							
We deal with the	most important persons, schools and ideas of ancient philosophy. We are concerned especially on transdisciplinary nature of philosophy.	ophy and connecti	on of old							
	philosophical thoughts with recent problems of science, technology, economics and politics.									
B0B16HI1	History 1	KZ	4							

B0B16HT1	History of science and technology 1	KZ	4
B0B16HTE	History of technology and economic	ZK	2
B0B16MPL	Psychology for managers	ZK	2
B0B16MPS	Psychology	Z,ZK	4
B0B99PRPA	Procedural Programming	KZ	4
B1B02FY1	Physics 1	Z,ZK	8
	ne Faculty of Electrical Engineering - Physics 1, is devoted to the introduction into two important areas of physics		_
studies. The classical mechanics in this course in the study of electric B1B02FY2	es. The students should be able to solve basic problems dealing with the description of mechanical systems, while is solved by the relativistic mechanics, electric and magnetic field - both stationary as well as non-stationary. Extrical circuits, theory of electrotechnical materials or radioelectronics. Apart of this, the knowledge gained in this consecutive course Physics 2.  Physics 2  Inked with the course Physics 1. Within the framework of this course the students will first of all learn foundation.	The students can use the state of students can use the students can use	facts gaine study of th
<ul> <li>the theory of waves - will give t universal character in spite of</li> </ul>	to the students basic insight into the properties of waves and will help to the students to understand that the properties of waves character. Particular types of waves, such as acoustic or optical waves are the subjects of the following the student?s general education in physics. The knowledge gained in this course will help to the students in students.	esented description of the ving section. Quantum mech	vaves has a anics and
	measuring technique and will allow them to understand the principles of novel technologies and functioning of	•	1
B1B13MVE1	Materials for Power Electrical Engineering	Z,ZK	4
materials and semiconductors student will meet, in higher deta	of basic properties and basic types of materials for electrical engineering is carried out. Types of conductors, substitution is an electrical engineering, are presented. The stress is put on relationships between proper	perties, technology and the ental conductive joining, wit	use. The h materials
data processing, software tools	knowledges about computer control systems used in electrotechnic engineering and energetics. Students works and application examples. There are presented elementary digital circuits, the representation of numbers and t ocessor and microcomputer. The single chip microcomputer, embedded application, industrial PC and design to	their processing in microcol	mputer and
B1B13SSE1	Solar Systems and Electrochemical Sources	Z,ZK	5
principle using the equivalent circ Similarly, students become famil	with the basic principles of electrochemical sources and photovoltaic cells and systems. At the beginning, the exits and mathematical description. In the next section, the basic types of electrochemical sources and their technical with the technology of photovoltaic cells and modules. Another chapter is devoted to the basic applications at become familiar with economical and technological implications of the combination of solar systems and electrical engineering technological processes	cal parameters are explored such as solar-thermal. At the	d separately
-	Electrical engineering technological processes nics, laser, and other beam technologies and IC packaging will be characterized. There will also be discussed fu		
impregnation processes. The	subject is also the basis for producing single-crystal Si. Technology using plasma technology, packaging, and b presented.		
, ,	Technological Project Planning  nt. Project Life Cycle. Project Framework. Project phases: Initial, Construct, Delivery and Support. Organizational p  t logic frame. Project schedule, GANTT, PERT. Process modelling. Management of risks and knowledge. Stand  management. Funding.	,	•
B1B13VES	Manufacturing of Electrical Components	Z,ZK	6
	nts in general. Basic technology in use. Type of components: resistors, potentiometers, capacitors with foil dielectromechanical devices. Semiconductors, fabrication of vertical and horizontal structures. Packaging.	ric. Ceramic and electrolytic	_
B1B13VVZ1	Manufacturing of Power Devices	Z,ZK	4
transformers and rotating mad converters including	ed on manufacturing of power electrical machines and devices from construction and technological point of wiev chines, namely their magnetic circuits and windings. Second half of the subject is dedicated to manufacturing of diagnostics, reliable operation. Last part of lectures deals with layouts of manufactirung, lean management and	f power semiconductive deplanning of manufacturing	vices and
B1B14MIS	Microprocessors for Power Systems	Z,ZK	5
measurement, fast impulse signa systems software developmen	emputer structure, digital signal processor and ALU added features for fast real time calculations. Interrupt syste all measurement, fast impulse generation support, inter-computer communication, system and power management, programming techniques, software development tools (simulators, emulators, monitors), input signal condition are sampling, amplitude quatization, power electronics control block design and implementation, difference equations are to the program program appropriation, quides and tules for implementation and explication of power systems.	ent, programming language ning circuitry, conversion fro tions and control algorithm	es for powe om analog s, fixed and
0	gging methods, program parametrization, guides and rules for implementation and application of power system system, scheduler, dispatcher and another features and guides for application		
0		Z,ZK	5
floating point calculations, debug  B1B14TME1   This course provides knowledge	system, scheduler, dispatcher and another features and guides for application	Z,ZK matics of simple mechanism	ns. Dynami
floating point calculations, debug  B1B14TME1   This course provides knowledge	system, scheduler, dispatcher and another features and guides for application  Engineering mechanics  of applied mechanics for the industry practice. Analysis of constructional elements and their dimensioning. Kiners, mechanic vibrations. Thermodynamics of real gases and vapours, their processes an cycles, basic comparative	Z,ZK matics of simple mechanism	ns. Dynami
B1B14TME1 This course provides knowledge behaviour of mechanical systems  B1B14ZEL1 The course extends necessary	system, scheduler, dispatcher and another features and guides for application  Engineering mechanics of applied mechanics for the industry practice. Analysis of constructional elements and their dimensioning. Kiner s, mechanic vibrations. Thermodynamics of real gases and vapours, their processes an cycles, basic comparative of hydrodynamics, transport losses in hydraulic systems.  Fundamentals of Electrotechnical Engineering y knowledge of creating technical documentation, including oral and written presentation of technical information	Z,ZK matics of simple mechanisn cycles of heat machines. Fu  KZ n. The second half of the se	ns. Dynami Indamental  4 emester is
B1B14TME1 This course provides knowledge behaviour of mechanical systems  B1B14ZEL1 The course extends necessary focused on explaining and provided the second course and provided the second course of the second course o	system, scheduler, dispatcher and another features and guides for application  Engineering mechanics of applied mechanics for the industry practice. Analysis of constructional elements and their dimensioning. Kiner s, mechanic vibrations. Thermodynamics of real gases and vapours, their processes an cycles, basic comparative of hydrodynamics, transport losses in hydraulic systems.  Fundamentals of Electrotechnical Engineering y knowledge of creating technical documentation, including oral and written presentation of technical information acticing the basic parts of electrical engineering, so that the students' initial knowledge is increased to the level	Z,ZK matics of simple mechanism cycles of heat machines. Fu  KZ n. The second half of the se	ns. Dynami Indamental 4 emester is mesters.
B1B14TME1 This course provides knowledge behaviour of mechanical systems  B1B14ZEL1 The course extends necessary focused on explaining and probability.	system, scheduler, dispatcher and another features and guides for application  Engineering mechanics of applied mechanics for the industry practice. Analysis of constructional elements and their dimensioning. Kiner s, mechanic vibrations. Thermodynamics of real gases and vapours, their processes an cycles, basic comparative of hydrodynamics, transport losses in hydraulic systems.  Fundamentals of Electrotechnical Engineering knowledge of creating technical documentation, including oral and written presentation of technical information acticing the basic parts of electrical engineering, so that the students' initial knowledge is increased to the level Fundametals of Electric Drives	Z,ZK matics of simple mechanism cycles of heat machines. Fu  KZ n. The second half of the so needed in the following se  Z,ZK	ns. Dynami indamental 4 emester is mesters.
B1B14TME1 This course provides knowledge behaviour of mechanical systems  B1B14ZEL1 The course extends necessary focused on explaining and property and property and property and provides the basic to the course provides the cour	system, scheduler, dispatcher and another features and guides for application  Engineering mechanics of applied mechanics for the industry practice. Analysis of constructional elements and their dimensioning. Kiner is, mechanic vibrations. Thermodynamics of real gases and vapours, their processes an cycles, basic comparative of hydrodynamics, transport losses in hydraulic systems.  Fundamentals of Electrotechnical Engineering with knowledge of creating technical documentation, including oral and written presentation of technical information acticing the basic parts of electrical engineering, so that the students' initial knowledge is increased to the level interest and knowledge in electric drives and in the issues related to this discipline as well. The lectures are focus also discrete control, and on the characteristics of used controllers in practice. Further, the basic control structure.	Z,ZK matics of simple mechanism cycles of heat machines. Fu  KZ n. The second half of the so needed in the following se Z,ZK sed on the basic of electric of	ns. Dynami indamental 4 emester is mesters. 5 drives logic
B1B14TME1   This course provides knowledge behaviour of mechanical systems  B1B14ZEL1   The course extends necessary focused on explaining and properties of the course provides the basic toontrol, continuous control and a	system, scheduler, dispatcher and another features and guides for application  Engineering mechanics of applied mechanics for the industry practice. Analysis of constructional elements and their dimensioning. Kiner is, mechanic vibrations. Thermodynamics of real gases and vapours, their processes an cycles, basic comparative of hydrodynamics, transport losses in hydraulic systems.  Fundamentals of Electrotechnical Engineering with knowledge of creating technical documentation, including oral and written presentation of technical information acticing the basic parts of electrical engineering, so that the students' initial knowledge is increased to the level interest and knowledge in electric drives and in the issues related to this discipline as well. The lectures are focus also discrete control, and on the characteristics of used controllers in practice. Further, the basic control structure are explained.	Z,ZK matics of simple mechanism cycles of heat machines. Fu  KZ n. The second half of the se needed in the following se Z,ZK sed on the basic of electric of the second half of the seco	ns. Dynami Indamental  4 emester is mesters.  5 drives logic C machine
B1B14ZEL1 The course extends necessary focused on explaining and procured provides the basic to control, continuous control and a B1B14ZSP The course explains the principle The course explains the principle	system, scheduler, dispatcher and another features and guides for application  Engineering mechanics of applied mechanics for the industry practice. Analysis of constructional elements and their dimensioning. Kiner is, mechanic vibrations. Thermodynamics of real gases and vapours, their processes an cycles, basic comparative of hydrodynamics, transport losses in hydraulic systems.  Fundamentals of Electrotechnical Engineering with knowledge of creating technical documentation, including oral and written presentation of technical information acticing the basic parts of electrical engineering, so that the students' initial knowledge is increased to the level interest and knowledge in electric drives and in the issues related to this discipline as well. The lectures are focus also discrete control, and on the characteristics of used controllers in practice. Further, the basic control structure.	Z,ZK matics of simple mechanism cycles of heat machines. Fu  KZ n. The second half of the set needed in the following set Z,ZK sed on the basic of electric of the second half of the set and the basic of electric of the second half of the sec	ns. Dynami indamental 4 emester is mesters. 5 drives logic C machine 5 rotating and

B1B15EN11	Power Engineering 1	Z,ZK	5
B1B15EN2	Power Engineering 2	Z,ZK	5
B1B15EN3	Power Engineering 3	KZ	4
B1B15EPR1	Projects in Power Engineering	KZ	5
B1B15VYA	Computational Applications	KZ	4
B1B16MME	Macro and Microekonomics	Z,ZK	5
	ms, market, law of demand, law of supply, market equilibrium, price regulation, price and income elasticities, consumer's behavior, prod		
profit, market fail	ure, monopoly, government macroeconomic policy, gross domestic product, multipliers, money, inflation, banking system, monetary p	olicy, labor market	, business
	cycle, fiscal policy, foreign trade policy, comparative advantage, CR and EU, Euro.		
B1B16UEE1	Economy of Power Industry	Z,ZK	5
B1B17EMP	Electromagnetic Field	Z,ZK	5
	This course gets its students acquinted with principles and applied electromagnetic field theory basics.		
B1B31EOS	Electric circuits	Z,ZK	6
	owledge necessary for next subjects. It presents the difference among physical circuit and its models, and then it presents the behavio n sinusoidal steady state as well as transients, caused by changes in the circuit. Acquired knowledge should, among other things, also l of the results of the analysis and simulation of electrical circuits by means of software tools.		
B1B34EPS	Elektronics for Heavy-current engeneering	KZ	4
Knowledge of cur	rent basic passive and active electronic components. Structure, physical and circuit properties of components. Component behavior	when working with	both small
and large analog	digital and optical signals. More complex circuit systems and communication technologies. Measuring the most important application devices.	ns of modern sem	iconductor
B1B38EMA	Electrical Measurements	KZ	5
The subject is for	bused to fundamentals of measurement and instrumentation. Based on the principle of the methods of electrical quantities measurem	ent (voltage, curre	ent, power,
frequency, resistan	ce, capacitance and inductance) a structure and properties of measuring instruments are explained including principles of their corre	ct application and	an accuracy
	estimation. Fundamentals of magnetic measurements close the course.		
B1BPROJ4	Bachelor project	Z	4
BBAP15	Bachelor thesis	Z	15
BEZB	Safety in Electrical Engineering for a bachelor's degree	Z	0
The purpose of the	safety course is to give the students basic knowledge of electrical equipment and installation as to avoid danger arising from operation	n of it. This introdu	ctory course
contains funda	amentals of Safety Electrical Engineering. In this way the students receive qualification of instructed person that enables them to world	on electrical equ	ipment.
BEZZ	Basic health and occupational safety regulations	Z	0
DLZZ	Basic ricality and occupational salety regulations	_	0

The guidelines were worked out based on The Training Scheme for Health and Occupational Safety designed for employees and students of the Czech Technical University in Prague, which was provided by the Rector's Office of the CTU. Safety is considered one of the basic duties of all employees and students. The knowledge of Health and Occupational Safety

regulations forms an integral and permanent part of qualification requirements. This program is obligatory.

For updated information see <a href="http://bilakniha.cvut.cz/en/f3.html">http://bilakniha.cvut.cz/en/f3.html</a>
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