COMPUTER NETWORK ADMINISTRATOR

You shall get acquainted with computers and computer networks via contemporary methods of teaching, practice and efficient working methods. You shall learn how to put a computer together and test it, master different operating systems, architecture and topology of computer networks, Internet services, protection of computer systems and networks, etc. In addition, you shall learn how to use computers in practical terms, program and design Web pages, test network installations, detect and remove breakdowns on network installations. You shall become competent at installations of network operating systems, server configuration for networking and setup of server service. You shall gain practical skills for independent work and knowledge for further education.

ELECTRONICS TECHINICAN

This profile has been introduced with the aim of educating a universal technician who will relatively easy and with the attendance of additional courses be able to participate in all working areas regarding electrical engineering. Electronics technician, as a universal technician, will be able to get employed in all fields of industrial production, research, medicine, telecommunication, trade etc.

MULTIMEDIA TECHNICIAN

This profile has been introduced to educate technicians who will be able to solve failures of different analogue and digital audio and video devices. You shall become competent at working in a TV centre and studio (e.g. working with camera, light control, tone direction, etc.) or jobs of setup, maintenance and realisation of TV programmes, as well as maintenance and realisation of cable and satellite television. You shall become competent at using contemporary multimedia software tools and using them in audio and video production, advertising, web design, technical support for multimedia presentations and lectures. Additionally, you shall apply audio and video technique in industry, transport, medicine, video surveillance etc.

TELECOMMUNICATIONS TECHNICIAN

Modern telecommunications represent one of the most important forms of human working environment nowadays. Telecommunications connect the entire world: people, ideas, jobs, processes, etc. Do you watch TV on the screen of your mobile phones? 3G, of course, and soon 4G. ADSL, cable internet, or wireless one, even better. You shall program your own devices and become even more successful. A complete digital world will become your world because you shall understand it best. The pupils of this educational profile gain theoretical and practical knowledge in all modern areas of telecommunications.
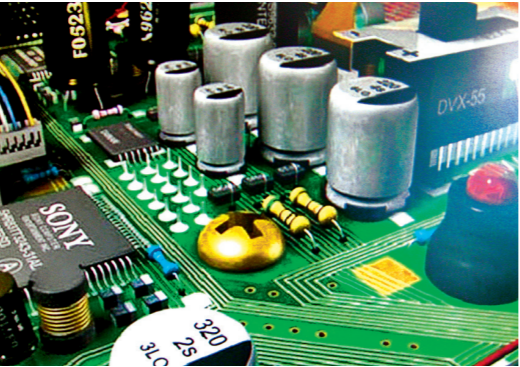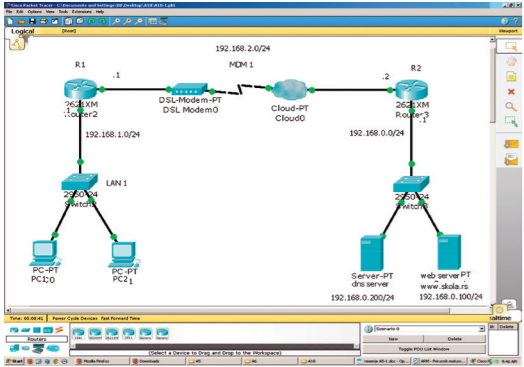

- Mobile communications
- Computer networks
- Internet
- Optical communications
- Satellite communications

Electrical Engineering High School
"Nikola Tesla"

31 Kraljice Natalije Street, Belgrade

www.teslabg.edu.rs

011/268-8598

011/268-6394

SUBJECTS	YEAR
Physics	1, 2
Electrical Engineering Fundamentals	1, 2
Computer Hardware	1
Computer Graphics and Multimedia	1
Network Equipment	2
Electronics	2
Operating Systems	2
Application Software	2, 3
Programming	2, 3
Signal Processing and Transfer	3
Network Operating Systems	3
Computer Networks	3, 4
Technical Documentation	4
Servers	4
Computer Network Administration	4
Cloud Computing Fundamentals	4
Entrepreneurship	4
Practical Learning	1

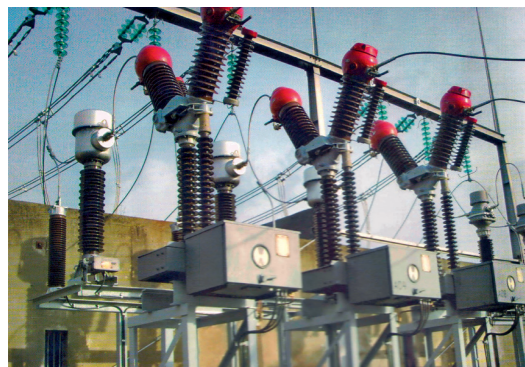| SUBJECTS	YEAR
Electrical Engineering Fundamentals	1, 2
Computer Graphics and Multimedia	1
Electrical Engineering Materials	2
Application of Computers in Electrical Engineering	2
Electrical Measurements	2
Electronics Measurements	3
Electronics I	2
Electronics II	3
Digital Electronics	3
Business Organisation Economics	4
Telecommunications Fundamentals	2
Electronic Amplifiers	3
Computers and Programming	3
Electronic Medicine Devices	3
Fundamentals of Automatic Control Systems	4
Microprocessors and Programming	4
High Frequency Electronics	4
Electrical Power Generation	4
Practical Learning	1, 2

SUBJECTS	YEAR
Physics	1, 2
Electrical Engineering Fundamentals	2
Computer Graphics and Multimedia	1
Information and Communication Technology	1
Electronics	2, 3
Web Design	2
Photo Editing Tools	2
Application Programmes	2
Audio Techniques	3
Video Techniques	3
Audio to Video Content Processing Tools	3
Computer Animation	3
Web Programming	3
Internet Content Management Tools	4
Multimedia Content Production	4
Audio and Video Devices Application	4
3D Modelling and Animation	4
Entrepreneurship	4
Practical Learning	1, 2

SUBJECTS	YEAR
Physics	
Electrical Engineering Fundamentals	
Computer Graphics and Multimedia	
Application Programmes	
Telecommunication Leased Lines	
Electrical Measurements	
Electronics	
Telecommunications Theory	
Digital Transfer Technology	
Commutation Methods	
Access Network Devices	
Telecommunications Measurements	
Signal Telecommunications Systems	
Transfer Systems	
Wireless Communications	
Computer Networks	
Technical Documentation	
Entrepreneurship	
Practical Learning	

POWER ELECTRICIAN

Power electrician represents an educational profile where experts, needed for work in the field of electrical energy production and distribution, are educated. Upon receiving a degree of this profile, jobs are available in waterpower and steam power plants, electric distribution companies, factory complex working on power station maintenance and companies that deal with trade of equipment necessary for electrical energy production and distribution.

ELECTRIC ADMINISTRATOR

A new profile, designed with the aim of educating experts that will equally well know the basis of electrical engineering and the most contemporary technological solutions in the fields of electronics, computer techniques, automatic control systems and regulations for working in all economy branches, whose activity is based on highly-automated processes of production, control, surveillance and maintenance (industry, transport, medicine, culture, hotel management, etc.). Upon receiving the degree, it is possible to work in fields of development, project design, programming technological solutions for fulfilling all the requests imposed by the increasing level of automatisation process in all economic areas.

COMPUTER TECHNICIAN

Computer technician represents an educational profile with a 35-year-long tradition. You shall learn a lot about computers, as well as the applications of computers and the span of their usage. You shall become competent at equipment and computer maintenance, installation of operating systems and application programmes for different purposes, either widely spread or specialised, computer networks' setup and maintenance, testing, documenting and improvement of applications, working with databases – from programme design to the realisation of the programme. You shall have an open perspective to work at any place where computers are used, to upgrade yourself by attending specialised courses from a specific field of interest and to continue with your academic education.

INFORMATION TECHNOLOGY TECHNICIAN

Become competent at participating in individual or team design of software applications, creating and developing databases, static and dynamic web presentations and maintenance and testing the security of information systems. You shall learn how to put a computer together, test their validity and remove any kinds of failures, install operating systems, configure and maintain computer networks of different topology and use Internet services. Additionally, you shall also learn to create, model, develop and implement databases, create different kinds of desktop and web applications, as well as applications for working with databases and application for electronic business organisation.

Enrolling this school, bear in mind that you shall become the pupils of the school which takes its name from Nikola Tesla – for your own future, pride and remembrance.

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SUBJECTS	YEAR
Electrical Engineering Fundamentals	1, 2
Geometric and Engineering Drawing	1
Application of Computers in Electrical Engineering	2
Electrical Measurements	2
Electronics in Power Generation	3
Measurements in Electrical Power Generation	3
Fundamentals of Mechanical Engineering	2
Business Organisation Economics	4
Electrical Installations with Lighting	2, 3
Electric Machines	3, 4
Electric Networks	3, 4
Electric Distribution Plants	3, 4
Electrical Wiring and Lighting System Project Designing	4
Automatic Control Systems Fundamentals	4
Renewable Energy Sources	4
Practical Learning	1, 2, 3

SUBJECTS	YEAR
Electrical Engineering Fundamentals	1, 2
Geometric and Engineering Drawing	1
Electrical Engineering Materials	2
Application of Computers in Electrical Engineering	2
Electrical Measurements	2
Electronics	2
Measurements in Electrical Power Generation	3
Energy Electronics	3
Business Organisation Economics	4
Electrical Wiring and Lighting System	2
Electric Machines and Laboratory Testing	3, 4
Automatisation Elements	3
Microcontrollers	3
Electric Starting System	4
Electromotive Drive Management	4
Programmable Logic Controllers	4
Practical Learning	1, 2, 3

SUBJECTS	YEAR
Electrical Engineering Fundamentals	1, 2
Computer Graphics and Multimedia	1
Electrical Measurements	2
Application of Computers in Electrical Engineering	2
Electrical Engineering Materials	2
Electronics	2, 3
Digital Electronics	3
Programming	2, 3, 4
Electronics Measurements	3
Electric Power Generation	3
Computers	3, 4
Computer Networks and Communications	4
Automatic Control Systems Fundamentals	4
Production Organisation Economics	4
Practical Learning	1, 2

SUBJECTS	YEAR
Electrical Engineering Fundamentals	1, 2
Computer Graphics and Multimedia	1
Programming	1, 2, 3, 4
Application Programmes	2
Electronics	2
Computer Hardware	2
Web Design	2
Web Programming	3, 4
Operating Systems	3
Computer Networks and Communications	3
Information Systems and Databases	3
Internet Technologies and Services	4
Protection of Information Systems	4
Electronic Business Organisation	4
Entrepreneurship	4
Technical Documentation	4
Practical Learning	1, 2, 3, 4

Положај школе

Теразије
Краља Милана
Краљице Наталије
Девојачка улица
Балканска