



LEPL Shota Meskhia State Teaching University of Zugdidi

Approved under the decision #22 of Academic Council of
Shota Meskhia State Teaching University of Zugdidi
„ 24 „ „ April „ 2018

Vocational Educational Programme:

Network Administrator

06102

Contact:

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**Zugdidi
2018**

- I. **Title:** Network Administrator
- II. **Registration number:** 06102-p
- III. **Qualification to be awarded:** Professional qualification of the fifth level of Network Administrator
- IV. **Legislative Base:**
 - Law of Georgia on Vocational Education
 - National Qualifications framework
 - Professional standards for Network Administrator
- V. **Prerequisite:** General Education
- VI. Modules “Georgian Language A2” and “Georgian Language B1” are mandatory for the students who have gained admission to the programme through the testing in Russian, Azeri or Armenian Languages under article 4, paragraph 2 of regulation rule under the order #152/n as of September 27, 2013 of the Minister of Education and Science of Georgia on Approving the Regulation of Professional Testing. These students start learning with the modules of Georgian language.
- VII. **Career opportunities:** Upon completion the programme, a person can be employed in IT field in public or private structures and in the field of administration of network infrastructure as well as on the managing positions or a vocational teacher.
- VIII. **Objective:**

The programme aims to prepare a qualified specialist of network administration who will have professional theoretical knowledge; He/ she will be able to use this knowledge in practice, predict probable risks and problems and prevent them; make quick analysis and react to problems operatively;
- IX. **Learning Outcomes:**

After completing this programme, a person can:

 - be responsible for network infrastructure
 - ensure functioning of network infrastructure
 - plan internal cable and network infrastructure
 - introduce and protect network safety norms

X. Programme Structure and Modules:

Compulsory General Modules		Compulsory Professional Modules		Selective Modules	
Name	Credit	Name	Credit	Name	Credit
1. Information Literacy 2	3	6.Introductory Practice- Network Administrator	2	22. Technical English Language- Computer networks-1	6
2. Entrepreneurship 3	3	7. Production Practice- Network Administrator	12	23. Technical English Language- Computer networks-2	4
3. English language	5	8. Practical project - Network Administrator	6	24. Technical English Language- Computer networks-3	4
		9.Services of monitoring and detecting incidents, basics of safety	4	25. Linux basics of operative systems	3
		10. Planning and implementing physical network	4	26. Microsoft Wondows Server Basics of operative systems	3
		11. Basics of third level routing protocols (Static, RIP, EIGRP, OSPF)	6		
		12. Second level protocols and technologies	8		
		13. Third level routing protocol (OSPF,EIGRP,Redistribution)	8		
		14. Safety of networking equipment and technologies	8		
		15. Internal and external communication, safe connection and WAN input (VPN, NATPAT, MPLS Applications)	5		
		16. Third level routing protocol BGP	4		
		17. Ensure right functioning and monitoring of existing network infrastructure	6		

		18. IT-Project Management	3		
		19. Network basics, components and equipment, basics of wireless network	5		
		20. IPv4 IPv6 address scheme and divide the network into subnetworks	4		
		21. Basics of second level protocols and technologies	5		
Total:	11	Total:	90	Total:	20

XI. Programme Volume and Duration:

- **Volume:**
 - 121 credits for Georgian-Speaking vocational students
 - 151 credits for Non-Georgian Speaking vocational students (Annex 4-Georgian Language A2; Georgian Language B1)
- **Probable Duration:**
 - 21 months/ 84 weeks for Georgian Speaking Vocational Students
 - 26 months/ 104 weeks for Non-Georgian Speaking Vocational Students

XII. Confirmation of learning outcomes and credit awarding

Credits are awarded on the basis of achieving learning outcomes.

1. Achievement of learning outcomes can be confirmed through:

- A) recognition of learning outcomes of predefined formal education (deducting);
- B) recognition of learning outcomes of informal education defined under the rule of Minister of Education and Science of Georgia;
- C) Confirmation of learning outcomes through evaluation;

2. There is a progressive and definitive assessment.

2.1 Developing assessment can be achieved using the scores and deductive principles.

2.2 The definitive assessment encompasses the sue of the system based on the principles of deduction (based on the competence) and follows the following two types of assessment:

- A) The results of the study have been confirmed;
- B) Learning outcome has not been confirmed;

3. In case of receiving negative result in determining assessment, a vocational student has the right to request an additional assessment of the learning outcomes before completing the programme.

XIII. Awarding the professional qualification:

Professional qualification is awarded by the Shota Meskhia State Teaching University of Zugdidi. The Rector of the Teaching University issues individual administrative-legal act. In order to gain professional qualifications, vocational student must collect credits provided by all the general and professional compulsory modules, as well as 20 credits from selective professional modules.

XIV. Teaching of disable students and students with special educational needs

The prerequisites for access to modules shall not apply to the disable people and people with special educational need. Credits determined by the programmes shall be assigned to the person only in case of confirmation of the relevant learning outcomes. The qualification is awarded under the rule in article 14.

XV. Partner Organizations:

1. LTD New Networks
Address: #5 Kostava Street, Zugdidi
2. LTD Ordunet
Address: #74 Rustaveli Street, Zugdidi

Annex 1 – Modules

Annex 2 – Learning Plan 1 (for Georgian Speaking students)

Learning Plan 2 (for Non-Georgian speaking students)

Annex 3-Programme implementer staff

Annex 4-Modules of Georgian Language