

Name and Head Office of the School Awarding the Certificate:

ŠOLSKI CENTER VELENJE
ELEKTRO IN RAČUNALNIŠKA ŠOLA

Trg mladosti 3
3320 Velenje

CERTIFICATE SUPPLEMENT

VOCATIONAL MATURA

MIKLAV Mitja

(Surname and first name)

24. 5. 1995, Celje

(Date and place of birth)

Certificate No.: 151 - 1422 - 303

Place and date of issue: Velenje, 1. 7. 2015



Signature of the competent person:

Simon KONEČNIK, headmaster

1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) ⁽¹⁾

Spričevalo o poklicni maturi po izobraževalnem programu:

TEHNIK RAČUNALNIŠTVA

(ID: 974183)

⁽¹⁾ In native language.

2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) ⁽¹⁾

School-leaving certificate:

COMPUTER TECHNICIAN

(ID: 974183)

⁽¹⁾ This translation has no legal status.

3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- read, plan, elaborate, monitor and amend technical documentation in line with requisite instructions and by employing ICT;
- the use of organization of work concepts and economics in a professional area;
- programme simple applications on programmable devices as well as programme, assemble and wire programmable relays;
- set up necessary operating system settings and provide basic support to users when employing user software;
- compile, maintain, rectify errors and service computer hardware;
- lay and wire different forms of electric and communication installations, connect users and carry out basic maintenance works;
- connect electric installation elements in switching, distribution and outlet-coupling devices as well as select and connect electrical protection;
- set up, maintain, protect and provide the restoration of network services;

Optional:

- record, archive and reproduce sound, image and video in digital format;
- design preparation of photos and videos;
- plan the development of simple computer programmes;
- make and test small parts in big programmes;
- archive and restore databases, launch complex searches;
- draw up server procedures and triggers for applying business rules and dealing with exceptions.

In addition, the holder of the certificate also upgraded his/her key professional skills and competences with key general knowledge and skills in line with national standards.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO HOLDER OF THE CERTIFICATE

The holder of the certificate can find employment at:

- areas pertaining to the setting up and maintenance of local computer networks and connections through public networks namely training participants with elective modules in communication systems;
- areas pertaining to the setting up and maintenance of IT systems namely training participants with elective modules in communication systems;
- areas pertaining to computer programme planning and design namely training participants with elective modules in programming;
- web site design namely training participants with elective modules in computer design.

^(*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information available at: <http://europass.cedefop.eu.int>

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5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate ŠOLSKI CENTER VELENJE ELEKTRO IN RAČUNALNIŠKA ŠOLA Trg mladosti 3 3320 Velenje The institution is accredited with the Ministry of Education, Science and Sport.	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Science and Sport Masarykova 16 SI-1000 Ljubljana http://www.mss.gov.si/
Level of the certificate (national or international) Technical secondary education European classification ISCED 3 National classification ¹ KLASIUS-SRV: 15001 KLAISUS-P: 4812	Grading scale 5 – excellent 4 – very good 3 – good 2 – sufficient
Access to next level of education/training Education programme completed with a vocational matura exam enables entrance to study programmes in both higher and high specialist education. Upon an additional requirement in passing one of the general matura exams, as well as entrance to relevant university study programmes that enable this possibility.	International agreements The Republic of Slovenia has concluded agreements on the recognition of education with individual countries. The relevant information is available at ENIC/NARIC - the National Academic Recognition Information Centre.
Legal basis Organisation and Financing of Education Act (Uradni list RS, no. 16/07 and 36/08) Vocational and Technical Education Act (Uradni list RS, no. 79/06)	
6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Time of the education	4 years
Number of credits ²	240 credits
General education	100 credits
Professional education	87 credits
Practical education at the employer	7 credits
Extracurricular activities	14 credits
Open curriculum ³	28 credits
Vocational matura	4 credits
Entry requirements The programme can be attended by anyone who has completed the programme of primary education or lower vocational education or equivalent education in line with previous regulations.	
Additional information - Ministry of Education, Science and Sport (http://www.mss.gov.si/) : Education programme and description of education and schooling in Slovenia - National Reference Point for Vocational Qualifications - NRP (http://www.nrpslo.org) - National Europass Centre (www.europass.si)	

² One credit equals 25 hours of candidate's work.

³ Goals of the open curriculum are defined by sch

...and are defined by schools in cooperation with companies on a local/regional level.

7. A DETAILED DESCRIPTION OF EDUCATION

GENERAL EDUCATION:

1. Slovene (24 credits)
2. Mathematics (19 credits)
3. English (20 credits)
4. Art (3 credits)
5. History (5 credits)
6. Geography (3 credits)
7. Sociology (3 credits)
8. Physics (6 credits)
9. Chemistry (3 credits)
10. Physical education (14 credits)

PROFESSIONAL EDUCATION:

Mandatory Modules in Specialist Education (63 credits)

1. Computer systems with technical communication (6 credits)
2. Use of ICT in administration (6 credits)
3. Management of programmable systems (8 credits)
4. IT hardware maintenance (7 credits)
5. IT software maintenance (7 credits)
6. Making electrical and communication installations (6 credits)
7. Set up and maintenance of network servicing (7 credits)
8. Web application planning and development (9 credits)
9. Database planning and set up of (7 credits)

Optional Modules in Specialist Education (24 credits)

10. Multimedia technology equipment (8 credits)
11. Planning and development of software applications (8 credits)
12. Advanced use of databases (8 credits)

OPEN CURRICULUM (28 credits):

1. Technical Mathematics (4 credits)
2. Professional Terminology in Foreign Language (5 credits)
3. Technical Physics (3 credits)
4. Design (3 credits)
5. Multimedia (3 credits)
6. Programming (3 credits)
7. Applied Computing (2 credits)
8. Information Science in Electrotechnics (2 credits)
9. System Programming (2 credits)
10. Modern Entrepreneurship (1 credit)

PRACTICAL EDUCATION:

1. Practical training in school (30 credits)
2. Practical training through work placement - design and maintenance of computer networks (7 credits)

EXTRACURRICULAR ACTIVITIES (14 credits):

sport activities, cultural activities, professional excursions, road traffic regulations knowledge, health education, familiarization with professional field

VOCATIONAL MATURA:

Mandatory part:

- written and oral exam of Slovenian language
- written and oral exam in Computer science.

Optional part:

- written and oral exam of English language
- presenting and defending a project or service (4 credits): Simulation of a two axis tracking solar power plant and the working of it

OTHER NOTES:



mladi
RAZISKOVALCI
ZA RAZVOJ SALESKE DOLINE
BRONASTO
Priznanje
PREJME

MITJA MIKLAV

ZA RAZISKOVALNO NALOGO Z NASLOVOM
3D-OPTIČNO BRANJE S KOMPLETOM "DAVID LASERSCANNER"

ŽUPAN
MESTNE OBČINE VELENJE
Bojan Kottič



ŽUPAN
OBČINE ŠOŠTANJ
Darko Menih



VELENJE 12. april 2012

ŽUPAN
OBČINE ŠMARTNO OB PAKI
Alojz Podgoršek





ŠOLSKI CENTER VELENJE
mavrica znanja od 1958



ELEKTRO
IN RAČUNALNIŠKA ŠOLA

POHVALO

učiteljskega zbora

prejme

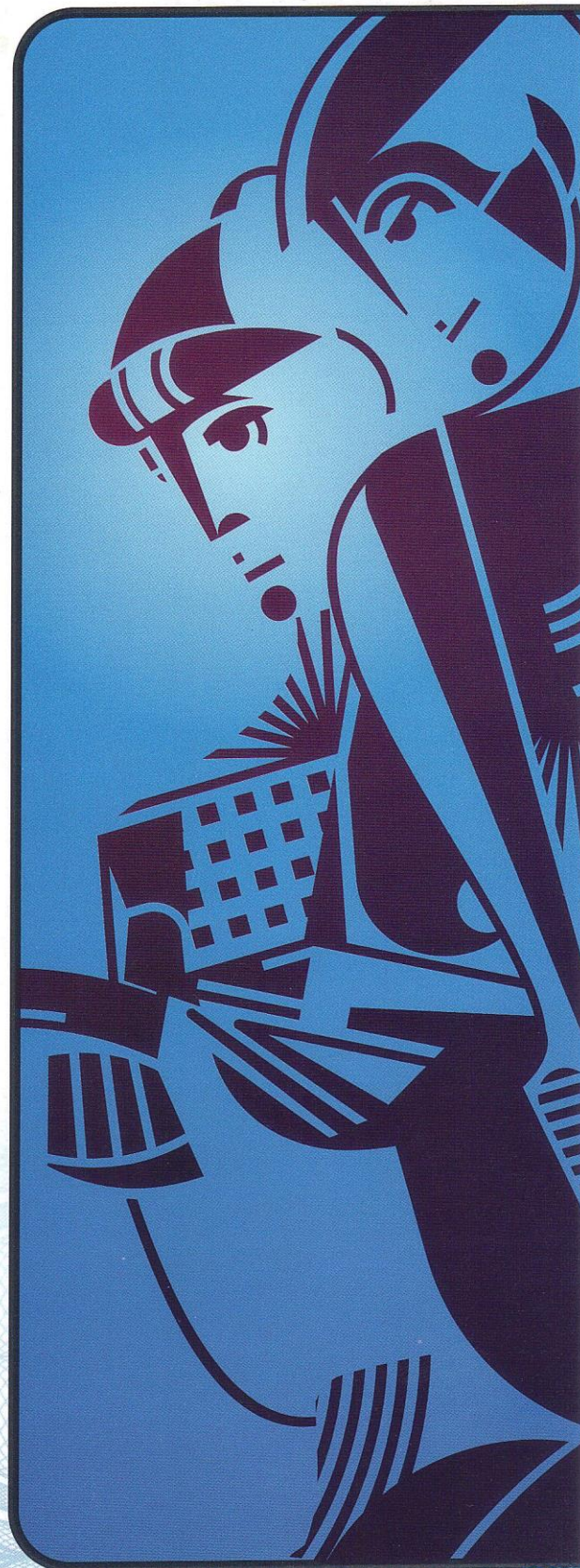
Mitja Miklav

za osvojeno bronasto
priznanje na regijskem
tekmovanju Mladi raziskovalci.

Bojana Vrbnjak, prof.,
razredničarka

Simon Konečnik, univ. dipl. inž.,
ravnatelj ERŠ

Velenje, 19. 6. 2012



POHVALO

razredničarke

prejme

Mitja Miklav

za izdelavo in oblikovanje spletnega
biltena ter pomoč pri izvedbi
projektne tedna, za urejanje
filmov iz projektne tedna ter za
snemanje koncerta Rock opera.

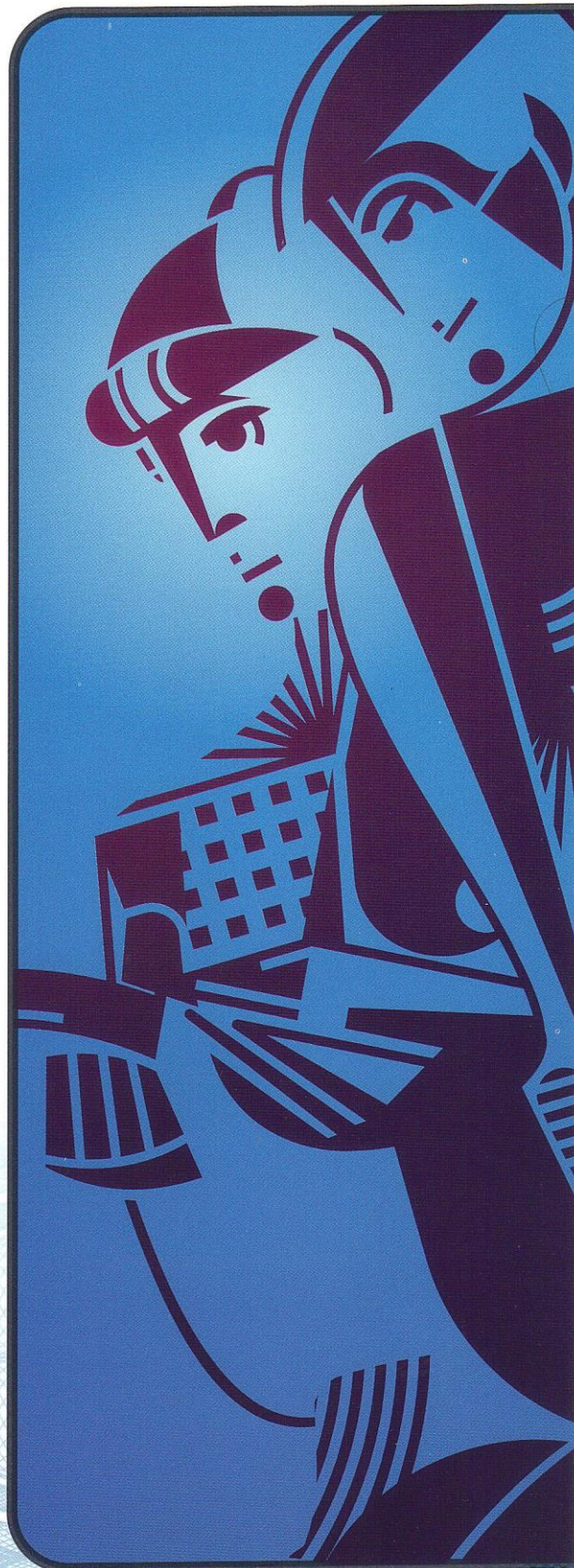


mag. Vlasta Leban, prof.,
razredničarka



Simon Konečnik, univ. dipl. inž.,
ravnatelj ERŠ

Velenje, 24. 6. 2013




PRIZNANJE

prejme

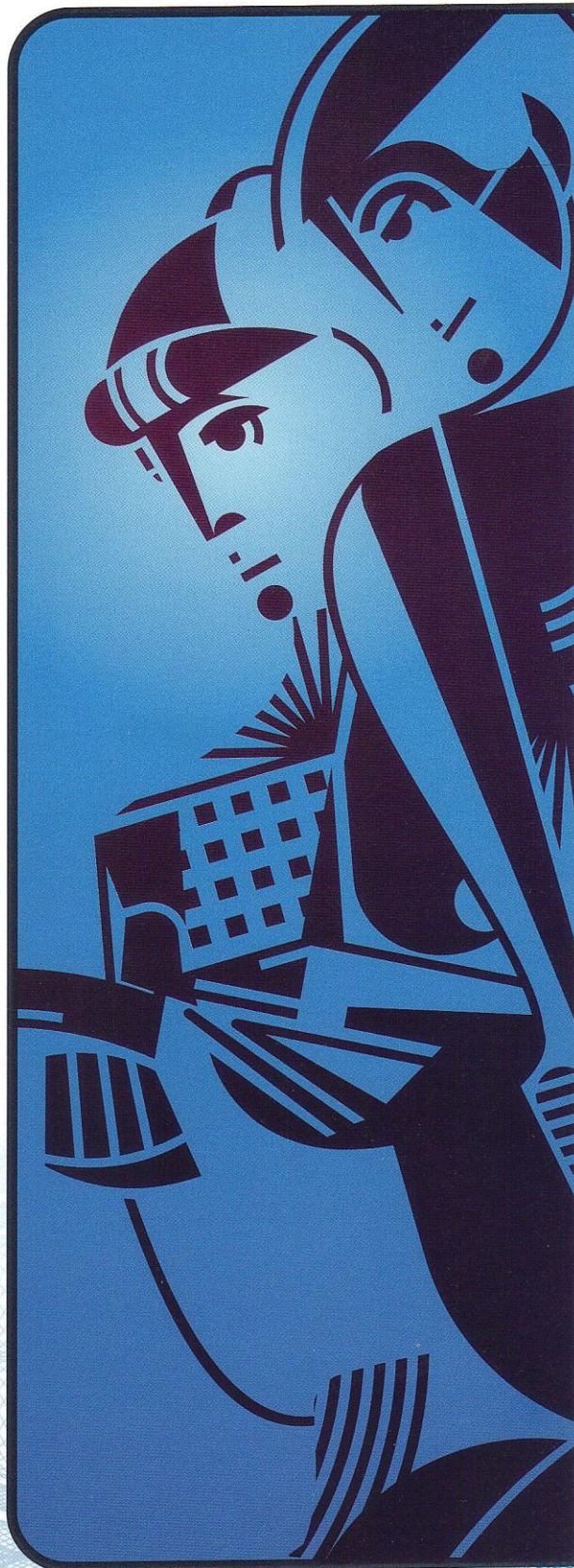
Mitja Miklav

za snemanje šolskih prireditev, za
snemanje in montažo filma Delovanje
in sodelovanje pri filmu Failoween, za
snemanje video spota We are Happy
in Velenje, za snemanje promocijskega
filma o tabornikih za MIC.


mag. Vlasta Leban, prof.,
razredničarka


Simon Konečnik, univ. dipl. inž.,
ravnatelj ERS

Velenje, 24. 6. 2014




PRIZNANJE

prejme

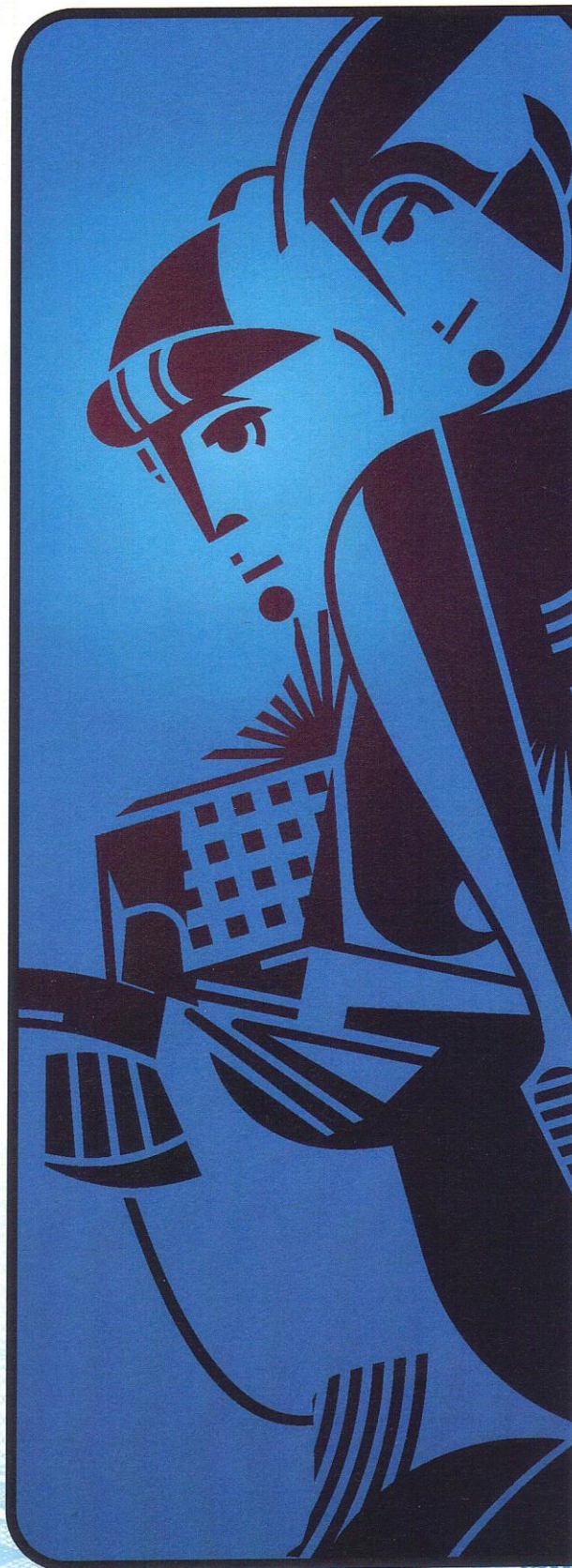
Mitja Miklav

za 3. mesto na državnem tekmovanju mladi raziskovalci za raziskovalno nalogo »3D optično branje z laserskim kompletom David Laser Scanner«, za sodelovanje na novoletnih bazarjih, za sodelovanje pri projektu Videomanija 2014, za snemanje šolskih dogodkov ter za zanesljivo pomoč pri vodenju razredne skupnosti.


mag. Vlasta Leban, prof.,
razredničarka


Simon Konečnik, univ. dipl. inž.,
ravnatelj ERŠ

Velenje, 24. 6. 2015



CCNA Routing and Switching: Introduction to Networks

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student was able to proficiently:

- Understand and describe the devices and services used to support communications in data networks and the Internet
- Understand and describe the role of protocol layers in data networks
- Understand and describe the importance of addressing and naming schemes at various layers of data networks in IPv4 and IPv6 environments
- Design, calculate, and apply subnet masks and addresses to fulfill given requirements in IPv4 and IPv6 networks
- Explain fundamental Ethernet concepts such as media, services, and operations
- Build a simple Ethernet network using routers and switches
- Use Cisco command-line interface (CLI) commands to perform basic router and switch configurations
- Utilize common network utilities to verify small network operations and analyze data traffic

Mitja Miklav

Student

Laboratory for Telecommunications (LTFE)

Academy Name

Slovenia

Location

Gašper Parte

Instructor

Sep 4, 2015

Date

Instructor Signature

