

**Srednja gradbena, geodetska in ekonomska šola  
Ljubljana**

**SECONDARY SCHOOL OF CIVIL ENGINEERING, LAND  
SURVEYING AND ECONOMICS LJUBLJANA**

**Dunajska cesta 102, 1000 LJUBLJANA, SLOVENIA**



- Vocational school – 2 and 3 year courses

- Carpenter
- Brick layer
- Building machinery operator
- Stonecutter
- Stove maker



- Technical secondary school– high school  
– 4 year courses

- 4 programmes
- Civil engineer
- Land surveyor
- Economist
- Environmental technician

Age of entry: 15

# GETTING **A DEGREE** AND **AFTER THAT...**

**STUDENTS IN VOCATIONAL SCHOOL**  
must pass final exam, then they can:  
enter job market or continue in 2 year  
vocational-technical education.

**STUDENTS IN TECHNICAL SCHOOL**  
must pass final exam (Secondary School  
Leaving Certificate), then they can enrol in  
vocational or professional colleges or find a  
job.

# **WE HAVE / WE ARE ...**

- **Practical work at school (training firm, land surveying measurements with modern equipment, house plan designing, ...)**
- **Work placements at companies each school year 2 – 3 weeks (secondary school), to 18 weeks (vocational school)**
- **Free choice activities (total 11 weeks) organised by school to cover all competences**
- **Facilities: well equipped laboratories, library, sports hall, IT classrooms**

# **WE HAVE / WE ARE ...**

- **English as a foreign language, German or Italian or Spanish as a second foreign language (economists)**
- **A lot of IT knowledge (AutoCAD, Office, ECDL Certificate, GEO 10)**
- **Good basic education (Social science, Science)**
- **Age of entry: 15 years**
- **Opened for collaboration with all kinds of partners (abroad, in Slovenia, with all types of schools, companies, etc.)**

**SOME INFORMATION ABOUT OUR  
STUDENTS' KNOWLEDGE,  
3rd class  
(17 years old, some of them 18)**

# CIVIL ENGINEER



# **CIVIL ENGINEER**

**Mostly they can work in (architectural) studios they work with computers:**

- we are working with Auto CAD, they know to draw in 2D and 3D without any help,**
- if there is some idea drawn by hand or maybe there are some old plans needed to be digitalized, they could transform them into AutoCAD form by themselves,**
- if the firm has already made some proto drawings, they can draw a new drawing in this proto file and finalize it with dimensions, text, hatches, ... without any help,**
- help with final measurements and calculations for finished structures and reconstructions (as a supervisor's assistant),**
  - making lists of construction work and materials with AutoCAD (4th year) for new construction projects and adaptations,**
- making plans of existent structures, help with computer processing of frame work plans, architectural plans as well as plans of fittings.**

**They can work at a building site where they get the insight into work procedure, learn about safety regulations and gain knowledge of buildings maintenance.**

**Foreign language: English**

# ECONOMIST



## **ECONOMIST**

- purchase department: offers/tenders, complaints, reminders**
- sales department: orders, inquiries, replies, offers,**
- accounting: salary calculation, added value tax calculation, book-keeping, invoice formulation, reminders, complaints**
- marketing: help with presentation, formulation of presentation**
- computer science: they can work with Word, Excel and PowerPoint programmes**
- personnel department: complete evidence on the personnel, personnel education programming**

**Foreign language: English (first foreign language), German (second foreign language)**

# LAND SURVEYOR



# LAND SURVEYOR

- they are able to use land surveyor's equipment for linear surveying, levelling, traverse surveys, tacheometry and construction surveys (tapes, levells, theodolites, total stations),
- they can work as assistants in the field,
- they understand maps and plans,
  - they're able to give a general outlines for topographic and bound surveys,
  - they can do arithmetic operations with measuring values,
- they can work with computers (we are working with AutoCAD, GEO 10).

**Foreign language: English**

# Classrooms, Science laboratory, Computer rooms



# Training firm – 3rd year business students (economists)



# School library



# Dentist



# We are active in international projects

- Unesco
- Leonardo da Vinci
- Socrates Comenius
- ENO treeplanting



# Leonardo da Vinci exchange programmes

with

- Finland
- Italy
- Spain
- Cyprus
- Germany
- ....
- work practice in companies abroad
- since 2002, 7 countries, 14 towns, 60 companies



# Our national Unesco project “Jezero je - Jezera ni”

- Each year we leave school for two days and work in beautiful surrounding of Lake Cerknica – vanishing lake. So we raise awareness of environmental and cultural heritage of all participants.



**Information  
about international cooperation**

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