



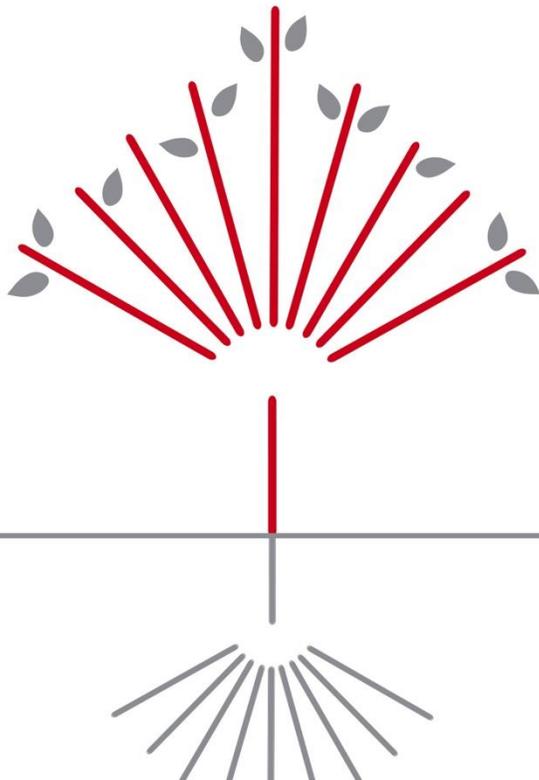
Agency for Vocational  
Education and Training  
and Adult Education

# Support to VET in Croatia during COVID-19 and beyond

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# Content

- Recommendations for evaluation and assessment during distance teaching and learning
- Online platform for supporting distance learning for vocational schools
- Virtual classroom for vocational teachers
- Self-assessment
- Recommendations for realization of necessary learning outcomes in the school year 2020/2021. in all vocational qualifications
- Continuous professional development for VET teachers
- Research on the experience, attitudes and needs of teachers in VET related to distance learning
- Conclusion





# 1. Guidelines and recommendations -1

Guidelines for the evaluation of learning processes and achievement of learning outcomes in primary and secondary education, MoSE

Instructions for evaluation and assessment during distance learning, MoSE

Recommendations for evaluation and assessment during distance teaching and learning, AVETAE

Examples for implementation of student projects, evaluation and grading by educational sectors, AVETAE

Recommendations for completion of work-based learning and the matura exam in the system of vocational education and training, AVETAE



## 1. Guidelines and recommendations - 2

- In vocational education, learning and teaching enable not only the acquisition of knowledge but also the development of skills. Students acquire the competencies of the chosen vocational qualification, which makes the teaching of vocational subjects in a virtual environment challenging, as well as the evaluation and assessment of students.
- As the VET system covers different areas/education sectors, it was not possible to issue uniform instructions.

[\(https://www.asoo.hr/2020/04/27/preporuke-za-vrednovanje-i-ocjenjivanje-tijekom-nastave-na-daljinu-za-sustav-strukovnog-obrazovanja-i-sustav-obrazovanja-odraslih/\)](https://www.asoo.hr/2020/04/27/preporuke-za-vrednovanje-i-ocjenjivanje-tijekom-nastave-na-daljinu-za-sustav-strukovnog-obrazovanja-i-sustav-obrazovanja-odraslih/)





# 1. Guidelines and recommendations - 3

- Schools chose different platforms for distance learning, monitoring and evaluating student work. Students created their e-portfolio, which was a collection of various materials (presentations, reviews, essays, mental maps, posters, infographics, photographs, videos, links to various materials) that showed their work and progress.
- The assessment criteria were adjusted to the conditions and possibilities of distance learning and the unique possibilities and abilities of the students. The focus was put on evaluation and assessment of the independence and responsibility of students, cooperation in the learning process and monitoring and encouraging various student activities.

- Schools provided students and their parents with information on rules of conduct concerning evaluation and the consequences of unfair and unacceptable behaviour: understanding the importance of responsible behaviour in all evaluation situations - **RESPONSIBILITY FOR OWN LEARNING**



## 2. Online platform for supporting distance learning for vocational schools

- The portal is structured in a way that each sector is located separately in the drop-down menu. Within each sector, there is a list of vocational curricula. Within each vocational curriculum, there is a division by grades (1 - 4) and also common themes for the whole education sector.
- **6.336 digital materials were published**

(<https://nastava.asoo.hr/>)



### ASOO virtualna nastava za strukovne škole



Novosti

#### Pripreme za izborni ispit Državne mature iz biologije

Poštovane učenice i učenici, nastavnici savjetnici s dugogodišnjim iskustvom u nastavnom radu i pisanju ispitnih...

5. lipnja, 2020

VIŠE



Novosti

#### Svjetski dan zaštite okoliša

Svjetski dan zaštite okoliša obilježava se svake godine 5. lipnja na godišnjicu održavanja Konferencije Ujedinjenih...

4. lipnja, 2020

VIŠE



Novosti

#### Digitalni obrazovni sadržaji za ponavljanje iz geografije

Dragi učenici prvih razreda srednje škole, donosimo vam zanimljiv digitalni obrazovni sadržaj kroz koji ćete...

2. lipnja, 2020

VIŠE



## 3. Virtual classroom for vocational teachers (Moodle – Loomen)

- Topics:
  - Cross-curricular topics
  - Development of competence learn how to learn
  - Curriculum approach to teaching: from outcomes to evaluation
  - Evaluation
  - Problem-based teaching and learning
  - Project-based teaching and learning

• **2021 teachers**

# Loomen





## 4. Self-assessment

The process of self- assessment was focused on:

- Monitoring the implementation of the work plan and planned improvements
- Monitoring the quality of distance teaching and learning and learning outcomes
- Monitoring the quality of providing support to students in distance learning





## 5. Recommendations for realization of necessary learning outcomes in the school year 2020/2021. in all vocational qualifications

- Learning outcomes and teaching content are integrated into interdisciplinary thematic sets that enable the simultaneous processing of topics from different subjects by problem, project or research methods. Emphasis is placed on the independence and autonomy of teachers and a joint approach to learning, whether they are teachers of different subjects or students.
- Performing exercises/work-based learning is a priority. It must be performed whenever possible, without the usual delay to achieve learning outcomes related to theoretical knowledge needed to perform exercises and practical work.

- <https://www.asoo.hr/2020/10/14/preporuke-okvir-za-realizaciju-ishoda-ucenja-u-skolskoj-godini-2020-2021/>



## 6. Continuous professional development for VET teachers



Flipped classroom

- Monitoring, evaluation and assessment supported by digital technology
- Digital tools for infographics in teaching process
- Improving digital competence
- Open and free programs and standards in the teaching process
- Sector specific topics

### COOPERATION WITH EMPLOYERS



Training for trainee teachers

- Petrochemical industry
- Zagreb ZOO
- Technological-technical systems in air traffic
- High voltage ship simulator
- Colreg, practical work on the mini model of the ship polygon



# Research on the experience, attitudes and needs of teachers in VET related to distance learning

The questionnaire consisted of four main chapters:

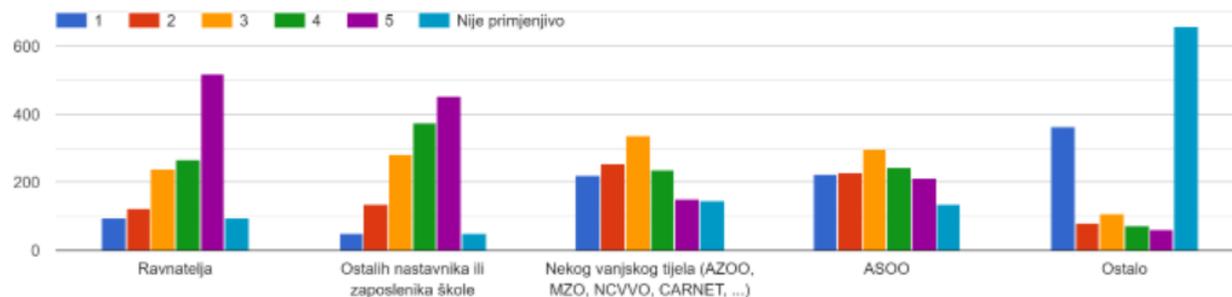
- I. General information
- II. Digital competence and distance learning
- III. Conducting distance learning
- IV. Support

Number of respondents N: 1348

## 4.2. Ocijenite podršku koju ste tijekom nastave na daljinu dobili od (1 - najmanje; 5 - najviše)

U ovom pitanju anketirana populacija odgovarala je na pitanja koja su određena razinom podrške od različitih izravno i neizravno nadređenih entiteta. Ocjena je imala raspon na mjernoj skali od 1 do 5, pri čemu je 1 najmanje, a 5 najviše.

Ocijenite podršku koju ste tijekom nastave na daljinu dobili od (1- najmanje; 5- najviše):





## Conclusion

- Developing vocational skills in a virtual environment is challenging and impossible for most qualifications
- The current situation affects various aspects of learning, work-based learning, assessment, including the availability of infrastructure, and even the condition and development of socio-emotional skills of each student
- Moving away from established practices
- An opportunity to develop innovative learning and teaching
- Flexibility of the curriculum and work plans
- Teacher and school autonomy
- Strengthening cooperation between teachers, schools and other stakeholders





Agencija za  
strukovno obrazovanje  
i obrazovanje odraslih

Thanks for your attention!

