

**Welcome to the Higher  
Vocational School №7,  
Kremenchuk,  
Poltava region,  
Ukraine**

# Schooling structure

Institution of general secondary education



Institution of professional (vocational) education

Institution of professional higher education



# TRAINING OF QUALIFIED WORKERS

## Mechanical engineering industry

- Wide profile machine;
- Turner;
- PU machine operator;
- Debugger of automatic lines and aggregate machines;
- Electrician for repair and maintenance of electrical equipment;
- Electric gas welder;
- electric welder on automatic and semi-automatic machines;
- Welder (international welder's certificate);
- Controller of welding works;
- controller of machine tools and metalwork;
- Accountant for registration of accounting data;
- computer operator; Information and software processing operator.



# TRAINING OF QUALIFIED WORKERS

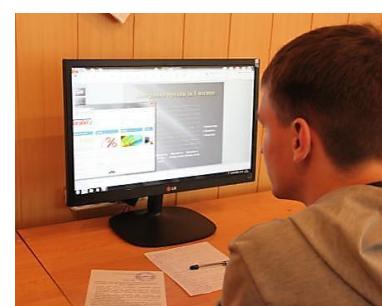
## Construction industry

- Installer of plasterboard structures;
- construction joiner;
- Plasterer; facing tiler;
- painter; Mason;
- installer for the installation of steel and reinforced concrete structures;
- electric welder of manual welding; Mason;
- Installer for installation of insulation systems; Plasterer.



# TRAINING OF QUALIFIED WORKERS

## NEWLY INTRODUCED PROFESSIONS



Installer of  
plasterboard  
structures

Welder  
(international  
welder  
certificate)

Information and  
software  
processing  
operator

*It is planned*  
Master of  
installation of  
renewable  
energy systems

# EDUCATIONAL AND PRACTICAL CENTERS



Training and practical center "Welder, electric welder on automatic and semi-automatic machines, manual electric welder »



# Training and practical center "Electrician for repair and maintenance of electrical equipment"



# COOPERATION WITH HIGHER EDUCATION INSTITUTIONS

*Agreements on creative cooperation have been concluded between VPU №7 Kremenchuk and ZVO:*

- Kremenchug National University named after Mykhailo Ostrogradsky;Kremenchug Institute of Alfred Nobel University;
- College of Kremenchug National University named after Mykhailo OstrogradskyPoltava Cooperative College;
- Poltava Petroleum Geological Exploration College of Poltava National Technical University named after Yuri Kondratyuk;
- Poltava Institute of Economics and Law of the Open International University of Human Development "Ukraine";
- Yuri Kondratyuk Poltava National Technical University;
- Ukrainian Engineering and Pedagogical Academy (Kharkiv);
- Kharkiv National University of Radio Electronics;
- National Aerospace University. ME Zhukovsky "Kharkiv Aviation Institute";
- Kharkiv National Economic University named after S. Kuznets;Kharkiv State University of Nutrition and Trade;
- Kharkiv State Vocational and Pedagogical College named after VI Vernadsky;National Technical University of Ukraine "Kyiv Polytechnic Institute. Igor Sikorsky ";
- National Technical University "Dnieper Polytechnic".

## PERSONNEL CUSTOMERS

HVS №7 has customers with whom bilateral agreements have been concluded:

- PJSC "AvtoKrAZ"; PJSC "Kremenchug Wheel Plant";
- PJSC "Kremenchug Road Machinery Plant";
- PJSC "Kryukiv Carriage Building Plant";
- PJSC "Kremenchug Steel Plant";
- JSC "Ampere Electrical Company";
- LLC "MZhK-Zhytlobud";
- PJSC "Poltava Mining and Processing Plant".



# MATERIAL AND TECHNICAL BASE

**35 TRAINING OFFICES  
9 TRAINING LABORATORIES**

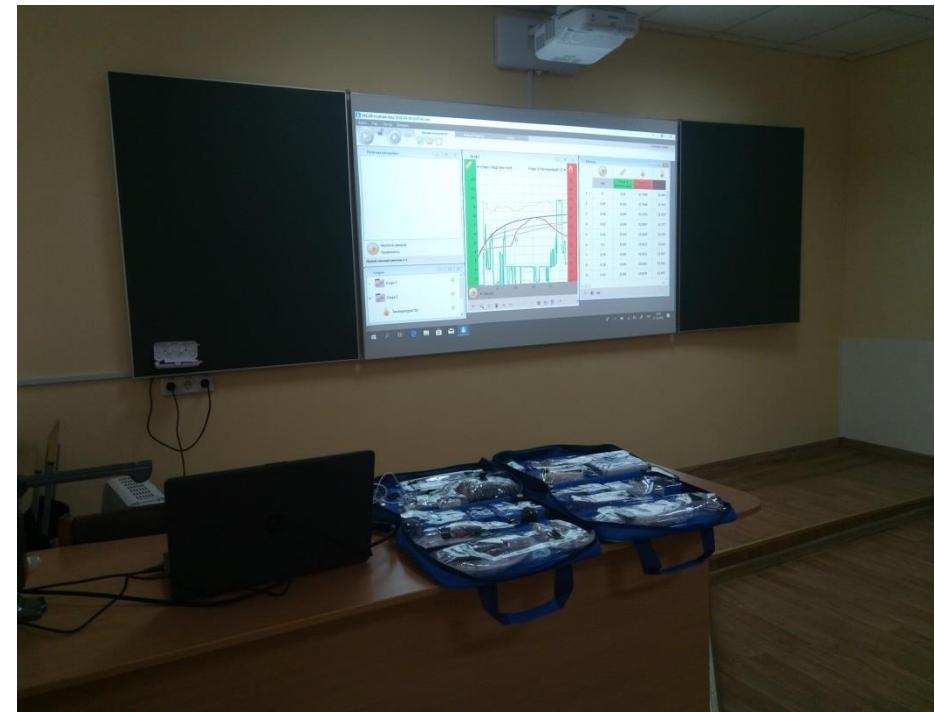


# MATERIAL AND TECHNICAL BASE

## 13 TRAINING AND PRODUCTION WORKSHOPS

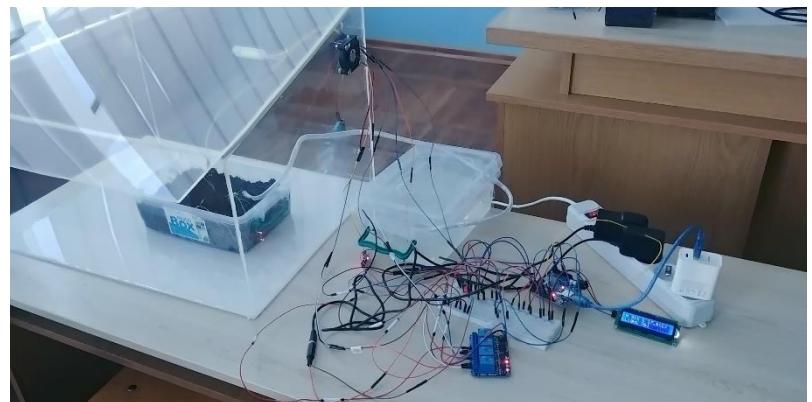


# STEM EDUCATION LABORATORY



# STEM project

Study of the operating parameters of a small greenhouse capable maintain comfortable microclimate conditions for plant cultivation off-season.



# ALL-UKRAINIAN COMPETITION ON ENERGY EFFICIENCY

Kremenchuk Higher Vocational School №7, which took first place in the nomination "Best VET" in the Project Competition "My vocational education institution is building an energy-efficient Ukraine!", The final of which took place on October 13, 2021, expresses its sincere gratitude for cooperation of the project "Promotion of professions and education in the field of energy efficiency" within the Component "Professional Qualifications" of the Project GIZ №81264534 "Promotion of energy efficiency and implementation of the European Directive on Energy Efficiency in Ukraine"



# PRACTICAL TRAINING DURING SHORT-TERM COURSES "INSTALLER OF WINDOW AND DOOR STRUCTURES" WITH THE SUPPORT OF GIZ



# INTERNATIONAL COOPERATION



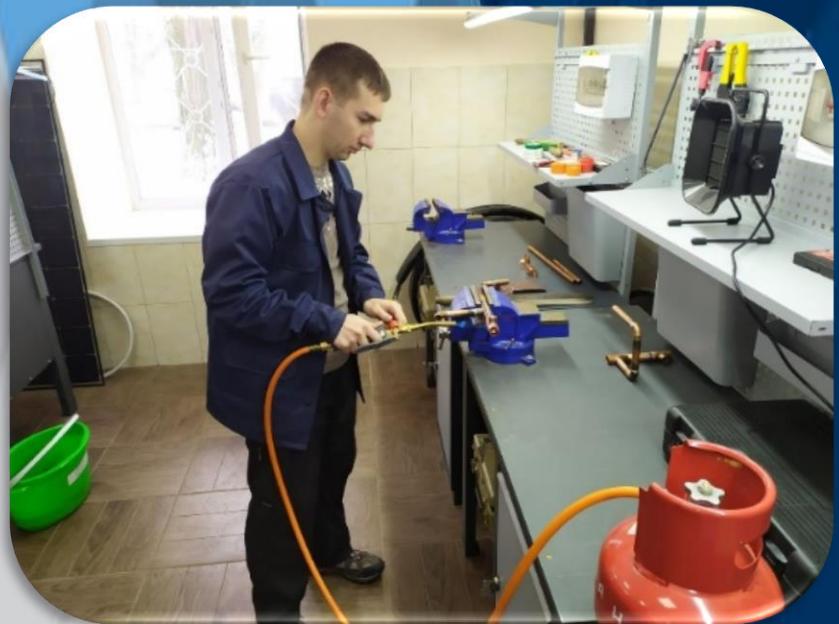
A Memorandum of Cooperation was signed between the Higher Vocational School 7 in Kremenchuk, the Ukrainian Fund for Social Investment, and the Poltava Regional State Administration, which provides for the modernization of the infrastructure of the VPU No. 7 in Kremenchuk as part of the implementation of the project "EU4Skills Modernization of Infrastructure system of vocational education in Ukraine":

- repair of the roof of the building of training and production workshops №1 with insulation with an area of 2800m2;
- insulation of the facade of the building of training and production workshops №1.

# Implementation of new projects in the framework of greening

- It is planned to open a center "Master of installation and maintenance of renewable energy systems."

- In the future, it is planned to license the profession "Master of installation and maintenance of renewable energy systems" for the training of skilled workers.



Masters of industrial training and teachers were trained at the State Educational Institution "Kyiv Vocational College with Enhanced Military Training" and acquired the profession (advanced training by profession) "Master of installation and maintenance of renewable energy systems."



One of the areas of green development in the school is the prospect of training specialists in renewable energy



According to the profession of master of installation and operation of renewable energy sources, it is planned to recruit 30 people annually for a period of 3 years.



## Atmar Engineering Group



# *Implementation of energy management system:*

***To improve system maintenance, we offer:***

- *dispatching;*
- *development of instructions for operation and maintenance of equipment;*
- *staff training;*
- *control to limit electricity consumption;*
- *disconnection or reduction of load during non-working hours.*

# *Installation of a grid-connected solar power plant*

## ***Types of solar panels:***

### *Monocrystalline photocells.*

#### *Features:*

- *The efficiency is from 15 to 18 percent;*
- *Shape square or square with rounded or truncated corners;*
- *Thickness 0.2 - 0.3 mm;*
- *Colour from dark blue to black with anti-reflective coating or gray without coating;*
- *Appearance - homogeneous.*

### *Polycrystalline photocells.*

#### *Features:*

- *Efficiency from 13 to 16 percent;*
- *Square shape;*
- *Thickness 0.24 - 0.3 mm;*
- *Colour blue with anti-reflective coating, silver-gray without coating;*
- *Appearance - a block of crystals of different directions, some crystals are visible in the cut.*