

POLYTECHNIC SCHOOL COMPLEX IN GŁOGÓW

Our school is the oldest technical high school in Głogów County, one of the biggest educational institutions in the whole region with occupational profiles strongly linked to the local labour market. It offers two levels of education: technical high school (mechanic, electric, IT, mechatronic profiles) and vocational school with specialization area in elctrics. It is located in the city centre of Głogów. Almost 550 student attend our school, they come not only from Głogów County itself but also from the neighbouring townships, which results in a visible social diffrentation (the city/the countyside).Polytechnic School Complex is a well-established institution regarding both technical and general education. This year's pass rate for matura exam is 91.3% while the passing rate for vocational exams is as follows (mechanical technicians – 90%, IT technicians 60%, electrical technicians 66%).In 2016 our school obtained a prestigious 'Silver Shield' award according to the 'Perspectives'¹ ranking (first place within Głogów County, 16th place in Lower Silesian Voivodeship). In 2019 Polytechnic School Complex was the best technical high school among all technical colleges in Głogów if it comes to matura exams results.It has one of the most modern didactic basis in Lower Silesian Voivodeship including mechanic, electric, IT and mechatronic labs. Owing to practical experience gained during Erasmus Project, Solar Energy Lab was created on school premises. Moreover, in the school year 2018/2019 more modern labs were formed in our school : Education for Fun lab (being vocational English lab), Robotics and Production Automation Lab as well as the VR Room. We also have a rich collection of technical books in our school library. Polytechnic School Complex has 10 technical labs, 17 general subjects classrooms and 3 laboratories. Our teaching staff includes 17 vocational subjects teachers, 31 chartered teachers, 8 appointed teachers, 9 contractual teachers. 2 of our teachers have a PhD degree.

Both students and teachers have access to Fronter and Mobireg platforms being information exchange channels. We also use electronic class registers. Since 2016 students have been attending extra maths classes within the maths assistance project in Głogów. We have various clubs active in our school: the Japanese Culture and Language Club,the school sport club, electric and mechatronic clubs as well as our own rescue team. Going back to 2014, our school

¹ Polish educational newspaper

participated in the pilot project 'Maths in the 21st century' coordinated by the University of Technology in Łódź. Regarding projects, in 2013 our school took part in the project by Sanden Holding Corporation (the Japanese manufacturing leader in automobile air-conditioning compressors). The project concerned the standardization of professional traineeship for electric technicians- being a standard in the Sanden Company on a daily basis. Currently, apart from SANDEN Holding Corporation we have a number of significant strategic partners: SITECH², euroMind³, KGHM⁴ and Tauron⁵.

Furthermore, we take part in a variety of projects in accordance with the European Development Plan For School and the Strategy Of Educational Development „Polytechnic School Complex in Głogów- a school of innovative technologies.’ Basic concepts of the aforementioned development plan include close cooperation with employers from Lower Silesian Voivodeship. In addition, from 2015 to 2017 we carried out a vocational project with one of the Ukrainian schools named 'Robots change the world' and 'Robots?That's easy!' with raised finances of 110 000 Polish zloty. Owing to this project, we started conducting attractive extracullicular classes based on educational robot kits. In 2016 our educational project '5 minutes can save a life' raised funds of 18 000 euros so that our school rescue team could train 250 children to conduct first aid and help our Ukrainian partner to implement the project itself in their country. In 2017 and 2018 consecutively, our school took the second place in Poland in the project 'Deutsch hat Klasse' - a project organized by the Goethe-Institute encouraging schools to design modern space at school facilitating learning German language. On the basis of this experience new modern spaces at our school were successfully created: Vocational English Lab modelled on Google spaces and first school VR room within the region. Since 2014 teachers and students have been carrying out the following educational projects 'The Coding Academy' and ' Polytechnic School and kids' aimed at 300 children aged 3-12, thus promoting the basics of technology and coding among the youngest. Since 2010, we have carried out 7 international vocational and cultural projects with Industrial College from Kamieniec Podolski (Ukraine), 5 projects with MakifRishion le Zion school from Israel, and one vocational educational project LdV Easy Travelling with a French, German and Spanish shool,

² A manufacturer of car seats for Volkswagen, Audi, Skoda located in Polowice (a city near Głogów)

³ A partner organizing internships projects for students in Spain funded by Erasmus +

⁴ A global leader in copper and silver production (company located near Głogów)

⁵ One of the largest business entities in Poland connected with energy industry

one project within the SOCRATES LINQUA programme. In the school year 2017-2018 our school successfully completed project Erasmus + KA1 including 128 students and 16 teachers. Currently, we are carrying out a new project POWER Erasmus +, which extends the mobility of both teachers and students. By the end of 2019, 248 students and 16 teachers will have completed practices in Spanish educational institutions. We also cooperate with the State Vocational College in Głogów. This cooperation includes the organization of mechatronic, robotic, entrepreneurship, maths as well as English classes. The school itself belongs to Lower Silesian Educational Cluster embracing 61 entities cooperating with the Legnica Special Economic Zone (located in south-western Poland, in the Lower Silesia Province). Polytechnic School Complex received a Special Honorary Medal of Głogów for involvement in the educational development. In 2017 we took first place in the prestigious competition 'Technical Graduate' organized by the Association of Polish Mechanical Engineers. Since 2017 we have been the Local Cisco Academy.