

# BGSZC Eötvös Loránd Secondary Technical School



## About Eötvös Loránd

Our school is named after Loránd Eötvös. He was a famous physicist, he is remembered today for his experimental work on gravity, Eötvös also gained recognition for inventing his torsion balance. The Eötvös torsion balance is an important instrument of geodesy and geo physics all over the world. It is used in studying the Earth's physical properties as well as used for mine exploration, and also in the search for minerals, such as oil, coal and ores.

The Eötvös pendulum was never patented, but after the demonstration of its accuracy and numerous visits to Hungary from abroad several instruments were exported worldwide and the richest oilfields in the United States were discovered by Eötvös Pendulum. This was used later by Albert Einstein as aid in setting out the theory of general relativity.

Eötvös was an obsessed hiker. As an active participant in the organization of the national touristic movement, he was president of the Hungarian Tourist Association for eight consecutive years. He climbed a number of then unconquered peaks of the Alps.

From 1886 until his death, Loránd Eötvös researched and taught in the University of Budapest, which in 1950 was renamed after him (Eötvös Loránd University).

## About our school building

The history of our school building began in the 1910s when the establishment of a new grammar school was requested in Pesterzsébet, then called Erzsébetfalva. The present school building was built in 1929 in Transylvanian-Hungarian style and was designed by Jánoszy Béla and Szivessy Tibor. On July 31 1997 the Council of Budapest decided to integrate the Vocational Technical School of Pesterzsébet with Eötvös Loránd Technical School of Machine Industry within the framework of the capital's rationalizing program, resulting in a new institution named Eötvös Loránd Secondary Technical school. Investment and renovation went extremely fast, the 1998/1999 term could be officially opened by Dr. Demszky Gábor mayor of Budapest.



Our school is situated in the 20th district of Budapest called Pesterzsébet. It is located in the southern part of the capital city, and it is in the suburban area on the bank of the Small-Danube. The school building stands in the centre of the district, behind there is a park called Square of Commemoration providing a quiet and peaceful environment. In the three-storey historic building there are modern and well equipped laboratories, workshops and IT labs. In many classrooms interactive boards help to make the lessons more interesting and motivating.

## **General information about our education**

The school has approximately 500 students between the ages of 14 and 19. Those students who attend the secondary technical classes receive both general and professional education. They can specialize in three different fields: engineering and information technology. At the end of the 4'th year they have to take the final exam which consists of five compulsory subjects: Hungarian Grammar and Literature, History, Mathematics, a foreign language (English or German) and the special subject (engineering, information technology) they have chosen.

Students involved in vocational education are trained as welders or computer mechanics and maintainers. Their training lasts for three years and at the end of the third year they have to take a special examination to get the qualification.

Our school also receive deaf and hard-of-hearing students and adults. They are educated in small groups, in accordance with the curriculum of secondary technical education. They are prepared for the final exam and they specialise in IT.