

## TORBALI VOCATIONAL SCHOOL

### OUR HISTORY

Torbali Vocational School was established under Dokuz Eylül University in 1993 in Torbalı, which is located 45 km southeast of İzmir. Authentic and quality sculptures were made in Hellenistic period in Torbalı, which was established in mother goddess city of Metropolis in B.C. 725. Since its establishment, our school has played an important part with its sectoral and scientific studies not only in İzmir but also in Turkey. Our competent technicians who we have educated with our knowledge and experience can easily adapt any specialties they were educated for.

Our school, which gives education in 6 different programs such as Natural Building Blocks Technology, Geotechnics, Industrial Glass and Ceramics, Drilling Technology, Mining and Welding, provides our country with technicians who have up-to-date knowledge about technologies and who can adapt the sectoral activities. We also have Geographical Information Systems, Civil Defense and Firefighting programs to which we are planning to admit students in the forthcoming terms.

### OUR AIM

The aim of the school is to train qualified manpower whose competence is accepted in the world. We achieve this, in the light of universal values, by making use of science, technology and personal knowledge, establishing modern education and researching strategies equipped to serve at a national and international level. Our aim is to be a prestigious and prominent educational institution in Turkey and in the world that carries out contemporary educational and research activities based on industry and university cooperation, that makes it sustainable by developing with national and international relations.

### FEATURED TECHNICAL FACILITIES

Rock Mechanics Laboratory, Soil Mechanics Laboratory, Thin Section, Geology, Ceramic Laboratories, Drilling Mud Laboratory, Chemical Process Laboratory (Clean Lab), Microscope Laboratory, Computer Laboratories, Marble CNC Application Workshop, Hydrogeological Modeling Laboratory, Drilling Application Construction Site, Marble and Mosaic Processing Workshop, Conference Hall, Astro Pitch, Basketball Court.

## FEATURED EDUCATIONAL PROGRAMS

International Youth Exchange Program Partner, Erasmus and Farabi Exchange Programs, Academic study collaboration protocols with Germany and Tunisia.

## **CONSTRUCTION DEPARTMENT**

### NATURAL BUILDING STONE TECHNOLOGY PROGRAM

Natural Building Stone Technology Program gives applied education in the field of natural stone mining, its technology and usage. It educates people for the companies that produce natural building stones in Turkey.

In this program, the education language is %100 in Turkish. Education is based on course passing system. Relative grade evaluation system is applied.

### CAREER AREAS

Graduates of the Natural Building Stones Technology Program are employed in the companies that work in the fields of natural stone mining, its technology and usage. They find the opportunity to work in marble factories, natural stone quarries, as well as in workshops in the college and the sector.

### GEOTHECNICAL PROGRAM

The aim of the Geotechnical Program is to train dynamic members who can conduct the laboratory and field tests required for the preparation of the geotechnical survey report. Geotechnical technicians study the physical mechanics and chemical properties of rocks and soil by using the disciplines of soil mechanics and rock mechanics.

In this program, the education language is %100 in Turkish. . Education is based on course passing system. Relative grade evaluation system is applied.

### CAREER AREAS

Graduates of Geotechnical Program are employed in mining and drilling companies as well as in government institutions.

## **MINING AND MINE HOISTING DEPARTMENT**

### MINING TECHNOLOGY

Operating our mines in an economical and efficient way with environmental awareness and bringing them into the world and national economy are of great importance today.

The aim of the mining sector is to teach disciplined and qualified employees who are adaptive to developments and able to use relevant tools, equipment and materials and who can fill the professional gap between engineer and worker.

In this program, the education language is %100 in Turkish. Education is based on course passing system. Relative grade evaluation system is applied.

#### CAREER AREAS

Mining Technology Program graduates work in public and private companies. They can also find jobs in the sub-industry enterprises of the sector.

#### DRILLING TECHNOLOGY

The aim of the Drilling Technology Program is to provide technicians with technical skills in drilling technology, and to educate technicians how to protect the environment and the nature, how to increase the efficiency in drilling and decrease the cost.

In this program, the education language is %100 in Turkish. Education is based on course passing system. Relative grade evaluation system is applied.

#### CAREER AREAS

Drilling Technology Program graduates are employed in state sector or private companies which work in the field of geothermal, oil, mining, ground water and ground exploration drilling.

#### MACHINE AND METAL TECHNOLOGIES

##### Welding Technology Program

Welding Technology Program aims to train qualified intermediate staff who are compatible with the developing industry and technology, who have theoretical and applied education knowledge and who are equipped with a high level of professional skills and capable of producing fast and practical solutions to the problems encountered.

In this program, the education language is %100 in Turkish. Education is based on course passing system. Relative grade evaluation system is applied.

#### CAREER AREAS

Welding Technology Program graduates can work in metal and machinery industry including welded manufacturing activities, steel construction design and manufacturing companies, iron-steel and non-ferrous metal sector, automotive and the automotive sub-industries, rail systems and energy and pipelines, as well as welding machine manufacturing companies.

## MATERIAL AND MATERIAL PROCESSING TECHNOLOGIES DEPARTMENT

#### INDUSTRIAL GLASS AND CERAMIC PROGRAM

Industrial Glass and Ceramics Program aims to provide hands-on training on the research, development and production technologies and laboratory tests of the process from the glass and ceramic raw materials to the final production.

In this program, the education language is %100 in Turkish. Education is based on course passing system. Relative grade evaluation system is applied.

#### CAREER AREAS

Graduates of the Industrial Glass and Ceramics Program are employed as ceramic technicians in private and public sectors like ceramic production factories, glass production factories, refractory factories, iron - steel factories, ceramic workshops.

