OTTOMAN CAPITAL BURSA

More Information About Bursa
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Area: 11.043 km²

Bursa is located in the northwest of the Anatolian peninsula and southeast of the Marmara Sea. The shores of the Marmara Sea are 135 km away. The most important peak in the province is Uludağ, which is a ski resort and national park. The most significant lakes are lake İznil and Uluabat.

Districts: Nilüfer, Yıldırım, Osman Gazi, Büyük Orhan, Gemlik, Gürsu, Harmancık, İnegöl, İznil, Karacabey, Keles, Kestel, Mudanya, Mustafa Kemal Paşa, Orhaneli, Orhangazi and Yenişehir are the districts of Bursa province.
Dear Visitors,

Our school has trained a lot of technicians at various branches to our country on the way of industrialization and development since it was established. Our school has an outstanding place among the vocational schools having the contemporary technical equipments, modern buildings and young and dynamic academic staff at the extension of the second Industrial education project between world bank and the Board of Higher Education. Besides we are honored to serve to sector by the certificate programme organized in the direction that the sector suggests. We present the best opportunities to the attendants who wish to get into the business world with a good career by having a professional education.

We invite you to participate into our students. One shouldn’t forget that a good future occurs only through a modern and professional education presented by good opportunities. I wish success to all our students.
GENERAL INFORMATION
Uludag University Vocational School of Technical Sciences (UUVSTS) was founded in 1986. It provides two-year degree (pre-bachelorate level). At present, there are approximately 3,000 students attending to 14 programs. The school is equipped with modern workshop, laboratory, and equipments within the frame of Turkish Council of Higher Education (HEC) /World Bank (WB) II. industrial education project. UUVSTS was founded in Turkey’s heavily industrialised city of Bursa and since then contributes to the development of the Small and Medium size Enterprises (SME) with regular vocational education and certification, besides main industrial companies such as Bosch, Fiat, Renaults, Peugeot etc.
SCHOOL MANAGEMENT STAFF
Introduction of Staff

1. Prof.Dr.Ridvan EZENTAŞ
2. Assoc.Prof.Dr. Ridvan ARSLAN
3. Assoc.Prof.Dr. Yahya İŞIK
4. Assoc.Prof.Dr. Mehmet KARAHAN
5. Assoc.Prof.Dr. Yücel TEKİN
6. Asist.Prof.Dr. Salih KOŞKUN
7. Asist.Prof.Dr. Aytekin GÜNAY
8. Asist.Prof.Dr. Abdil KUŞ
9. Asist.Prof.Dr. A.Mehtap SAĞOCAK
10. Asist.Prof.Dr. Süreyya SALTAN EVRENSEL
11. Asist.Prof.Dr. Birol TAŞ
12. Asist.Prof.Dr. Murat YAZICI
13. Asist.Prof.Dr. Nur YÜKSEK
14. Lect.Dr. Pelin Fatma AKYUVA
15. Lect.Dr. Nalan ÇIRAK
16. Lect.Dr. Yılmaz DORUK
17. Lect.Dr. Ömer ESKİDERE
18. Lect.Dr. Nejlet FİLİZ
19. Lect.Dr. İsmet GÜCÜYENER
20. Lect.Dr. M.Ertan GÜNŞÊ
21. Lect.Dr. Eşref KUREM
22. Lect.Dr. Arzu MOR
23. Lect.Dr. M.Emin Uğur ÖZ
24. Lect.Dr. Ayşe Hilal ULUKARDEŞLER
25. Lect.Dr. Nihat TÜRKMEN
26. Lect.Dr. Engin YILMAZ
27. Lect. Nükhet ACARSOY
28. Lect. H.Gizem AKALP
29. Lect. Gizem ANŞİN
30. Lect. Hasan BAYAZIT
31. Lect. Hülüya BOZYOKUŞ
32. Lect. Oğuzhan ÇANKAYA
33. Lect. Hatice ÇAVUŞ
34. Lect. Sermet ÇELİKÇAPA
35. Lect. Bekir ERDAĞ
36. Lect. Gültekin ERDAL
37. Lect. Fahri FINDIKOĞLU

38. Lect. Uğur FINDIKOĞLU
39. Lect. Çiğdem GÜCEYÜ
40. Lect. Saffet Hakan GÜL
41. Lect. Rasim KADERLİ
42. Lect. Naci KANATLAR
43. Lect. Cafer KAPLAN
44. Lect. Nevin KARAHAN
45. Lect. İlyas KAYA
46. Lect. Basri KUL
47. Lect. Ömer ÖZKOCA
48. Lect. Çetin ÖZÜĞÜR
49. Lect. Mustafa PALA
50. Lect. Mehmet ŞEN
51. Lect. Özcan TEMEL
52. Lect. Demet Azime TOKGÖZLU
53. Lect. Nurettin YAMANKARADENİZ
54. Lect. Erkan YAVUZ
55. Lect. Ebru YENİMAN YILDIRM
56. Lect. Kemal YOLGEÇEN
57. Instructor Funda GÖZÜMOĞULLARI
58. Instructor Ferhan ÜSTÜNLER
59. Expet Murat ARSLAN
60. Expet Ahmet ÇAKAL
61. Expet İbrahim ERGÜN
62. Expet Nadide KAYA
63. Expet Gündüz KEDERLİ
64. Expet Erkan TOPEL
65. Expet Hikmet ŞEN
66. Oya ABANOZCU
67. Ali BAL
68. Nezihe BÜTÜN
69. Şevkiye DALGIÇ
70. Ali Riza DEMİRCİ
71. Cihan DÖNMEZ
72. Ayten DURMUŞ
73. Ayşegül DÜLGER
74. Firuzan ER
75. Aysel ERDEM
76. Ümit GÖKTAŞ
77. Şaban GÜLBAYAZ
78. Sevginler HACIOĞLU
79. Ahmet HOŞ
80. Gülay KORKMAZ
81. Kamil PINAR
82. Aygün SONGÜR
83. Saniye ŞAHİN
84. Vahti ŞENAY
85. Süleyman TÜMEN
86. Selahattin YAZAR
87. H.Nadir YILMAZ
88. Zeki YÜZÜKİMİZİ
89. Özgür YOGURTÇU
Uludag University Vocational school of technical sciences, the programme of agricultural machinery, paralleling to the technological development, is a programme aiming to train the intermediate technicians to use the new and renewed agricultural tools and machines more productively in accordance with the computerized control mechanisms in the agricultural productions. There are the tools and machines necessary for applying modern agricultural techniques and necessary at a diesel workshop in our programme. The students graduating from this programme have the knowledge of use, management, regulation, maintenance and repair of the agricultural machinery and the knowledge of maintenance and repair of diesel engines practically and theoretically. Trained technicians can manufacture and market the agricultural machinery used in the agricultural production, too.
In general air conditioning, is defined as a process by which the atmospheric conditions are taken under control automatically for people’s, animal’s and plant’s comfort or for industrial productions. In practice air conditioning can be described as the process of heating, refrigeration and moistening or exhausting moisture. The aim of the air conditioning systems is to provide a comfortable environment for living things and provide suitable atmospheric conditions for productions Refrigeration is the process of lowering and exhausting the heat of a material or the environment and it is a part of air conditioning. On the other hand refrigeration is also necessary for protection of people’s basic needs (food, medicine, etc.) The refrigeration history goes back to 1000 B.C. People used to reserve snow and ice and then use them in hot seasons. Air conditioning and refrigeration are both indispensable. Our graduates work as technicians for mounting, maintaining and repairing of cold stores, air conditioners commercial and domestic coolers, industrial air conditioning systems.
AUTOMATIVE PROGRAMME
Gene ral Information

AUTOMATIVE PROGRAMME
The Automotive Program, has been established in 1986 with the support by the sector in Bursa. Automotive Program has been developed and carried out by the Advisory board. The members of the board are selected from the employers of the related sector, considering that the object for this educational field is production and after-sale service sector. In this context, for example, recently there are three members of the Board; one from FIAT representing production sector; one from Renault Co., Authorized Service, representing service sector and one from Opel Authorized Service. The members of the Board meet periodically at any company or at the School to review the progress and implementation of planned actions to enhance the quality of education.

The students, involved in the program are provided with theoretical knowledge and some laboratory experience in the first year. At the end of the year they are required to have a six week training program in any production or service sector (Industry-Based Education-IBE). In the second year, students are employed in factories for practical training for a period of 3-5 days a week depending on the physical and technical capabilities and administrative situation of the company. In this period different student groups work in different units of the company in accordance with the program prepared by the coordinator of the Integrated Education Project (IEP).
Advanced Vocational School of Technical Sciences, the programme of Computer Technologies and Programming has been established to train with the aim of training the technical people at the direction of the needs of interested sector. The courses being in the curriculum are given by the instructors of our programme. In this programme, theoretical and practical knowledge about the basic programming logic, database, internet programming, network systems, web design, electronics and equipment of computer are educated to the students. Besides, at the limit of the cooperation between the vocational school and the sector, the seminars concerning the computer subject are organized at the programme of computer Technologies and programming. The students graduating from this programme use the basic functions and principles, computer operating systems, file management and ordering programme.

They learn a general-aimed programming language further. They learn at least one of some pocket programmes based on the database at the level of doing the programming of it, use the general aimed pocket programme used as widespread like word processors, database management and design). They learn and apply one of the design pockets by the help of computer.

They learn the electronics and equipment of computer. There is a computer laboratory appropriate for the modern technology belonging to the programme of computer Technologies and programming of our Vocational school. The students graduating from this programme can work in all industrial institutions recognizing writing, equipment, network and internet technologies that the computer sector needs an improving the applications in this field and in the public and private institutions using these programme.
ELECTRICAL PROGRAMME

Electrical program is the science of electricity in its production, control, transmission and distribution, utilization of heating, lightning and power. The programme is a planned two year, four semester system. Graduates (have a broad understanding of all the above subjects) are a high level technician whose role in industry will often require him to work closely with the Professional engineer or other technologists. In the case of some small to medium size firms the graduates could be the senior technical person in the firm and therefore have very much a leadership and management role. From these point of view graduates gains theoretical knowledge plus the ability to apply this knowledge and skill in industry.

Career Opportunities
As the population and economy grow, more electricians will be needed to install and maintain electrical devices. They will be needed for wiring in homes, factories, offices, power plants and other structures.

Electrical training can give you the skills to succeed in a growing industry.

Electrical Lab
Electrical lab consist of many section such as electrical machines, distribution and electrical installation, basic electrical and electronics and control systems. Students are able to carry out many experiment within the lab. Programmable Logic Controllers (PLCs) are the workhorses of industrial automation. Originally developed as software simulation of relay control circuits. Students can do many experiments with S7 200, S7 300 plcs and servo motors in the plc lab.
FOOD TECHNOLOGY / FOOD OPTION PROGRAMME

The aim of food technology programme is to train intermediate manpower who will work at food industry. The students graduating from the food technology have theoretical and practical knowledge concerning the food composition the food processing physical, chemical and microbiological analysis of food, quality control, and the legislations about food and management controls. So they can transfer their knowledge as a food technician at the subjects of production analysis laboratories, quality control fields and as a responsible director at the food sector by the qualification given by the legislations.

The Laboratory Possibilities at the Food Technology Programme;
Food Analysis Laboratory (Laboratory Qualification Certificate by the Turkish Food Processing Laboratory Institute of 17025). The Main Working fields of the students graduating from this programme; Catering firms

Food Production factories (Preserve food, water, fruit juice, frozen product, milk-meat companies and soon).
Private Food Laboratories
Public Food Laboratories
Shopping Centers
Other Companies

A food technician is an intermediate technical person who is between a high level director and/or an engineer and a technician and having more theoretical knowledge then a technician, more application skill than an engineer considering his/her duty at the working field.

A member having these kinds of characteristics can take a role of leadership and management at the small or middle companies. A technician is responsible to the management, supervises the craftsmen and technicians, works, and takes responsibility and Works in cooperation with the other staff.
GAS AND INSTALLATION TECHNOLOGY PROGRAMME

General Information

The Gas and Installation programme trains intermediate technicians for the need of natural gas sector. After two-year education students graduate as natural gas technicians. In this programme students are given theoretical and practical lessons about natural gas definition, transportation, usage and maintenance and overhaul. Students are also able to practice in the sector during their summer training courses.

Graduates work in these fields: transportation and distribution of the natural gas by steel and polyethylene pipes, inhouse gas installations; mounting, maintaining and overhauling of commercial and domestic gas appliances. Our graduates have the chance of going on their education in the Mechanical Engineering departments of Engineering Faculties or in the Energy and installation departments of the Technical Education Faculties provided that they pass ‘DGS’ exams. Our programme is the most successful among the other Gas and installation programme in Türkiye.

Recently, The Natural Gas Sector has been one of the sectors having more working opportunities thanks to the increasing investment of Türkiye in this field.
GRÁPHICS DESÍGN PROGRAMME

The mission of the graphics programme, is to give an education directing to the artful creation and visual quality of graphic design. Beside the technical skill it is aimed to give the basic art culture and design formation to the students, to improve the abilities of research and commentary, to support the artful creation and to introduce the technological possibilities used in graphic design. Graphics programme aims to train the graphicians who have the design knowledge appropriate to the universal criterions relativity and the ability of research and solution, who are open to the development whose cultural buildup and communication ability is high who can use the computer possibilities and who work for the society’s advantage.

At the direction of this aim, it is wanted to reach to the students with the studio and laboratory applications beside the theoretical knowledge having a many-sided education programme and to acquire a viewpoint uniting art and technology. The main working places of the graduates from this programme may be supposed as the graphic design and applications of every kind of visual communication media, web design and multi-media applications, advertising, photography. Graphicians are the ones who can work at the periodicals and newspapers, advertisement agency, photography studios, printing office, publishing houses directing to the visual communication, whose application ability is high, and who can take place in the creative team and they can work individually, too.
GREENHOUSING AND DECORATION PLANTS PROGRAMME

Rapid increase in population, unplanned urbanization and excessive environment and soil pollution are the problems of this century. Because of these, agricultural fields have decreased gradually. As a result people are in need of getting more products from fewer fields and even doing agricultural production in four seasons. Greenhouses are the places where agricultural production is done under control in four seasons. Greenhousing is a developing sector in Turkish agriculture, has high profitability and technology is used. Greenhousing and ornamental crops growing programme trains technicians capable of growing vegetables and ornamental crops in greenhouses. These technicians work with an engineer on production programme prepared by an agricultural engineer. If there is no engineer the technician himself can manage the production programme. Technicians are also responsible for purchasing necessary equipment for growing and for making the conditions inside and outside the greenhouse suitable for growing (establishing, lighting, ventilating, etc.) Graduates can make their own business if possible or they work for companies growing seedling, sapling, vegetable, pot plants and cut flowers. The graduates also have the chance for working seed companies, agricultural insecticides and for companies doing the landscape and environmental arrangement. Our students do their practical works in our school’s greenhouse. Furthermore there are vocational trips to institution around.
INDUSTRIAL ELECTRONICS PROGRAMME

In Industrial Electronics programme, it is aimed to train high qualified electricians working closely with electrical engineers. Students are trained on basic electricity, manual electricity skills, measuring, electricity sources, structure and control of electrical machines, integrated projects, using electrical energy, control systems, electrical and electronically applications and computer using.

In the laboratory students are trained on basic electrical knowledge, electronically elements, structure of the electrical machines and their characteristic, electrical engines speed and its control, measuring, programmable logic control. Graduates can work in all public or private industry institution concerning with Industrial Electrical devices.

ELECTRICITY LABORATORY

The laboratory is consisted of 4 parts: electrical machines, installation and distribution, basic electricity, electronically automatic controls.
INDUSTRIAL MOULDING AND DYING PROGRAMME

Today, moulding is... one of the important means of automotive production and it is a kind of method that is applied for producing products in large quantities and continuous quality. Our country has made progress in moulding sector and started to design and produce mould. By means of the automotive industry the number of the moulding business has been increasing.

In Industrial Mould Making Programme we provide the sector employees with our graduates equipped with the necessary knowledge for mould design and production; being able to use CAD, trained on CAM, CNC. Our graduates also have experiences by applied courses and apprenticeship. Furthermore, they have knowledge about mould analysis and simulation by taking high level technological lessons. In this programme, we give a big importance to CAD/CAM and analysis subjects. We teach students different high level CAD/CAM in each term. In the long term our students gain more knowledge by taking optional analysis and simulation software education. Our graduates are also qualified with modern production techniques like CNC.

The graduates from this programme will be the members of the field with their high level training qualities. They will also be able to find a job before graduating or they will have an opportunity to make their own business.
MACHINERY PROGRAMME

Uludağ University, Vocational School of Technical Sciences, the Machinery Programme trains the construction and manufacturing technicians. In this programme, CNC machine tools, measurement, construction, Project and manufacture of moulding, hydraulics and pneumatic systems, computerized design, CNC programming, CAD/CAM quality management and material knowledge are educated to the students. The students of our programme who are employed at the fields as the product improvement that especially needed by the industry and the design and manufacture of mechanical systems, CAD/CAM systems, quality control take an important role at the application of the new Technologies.
MECHATRONIC PROGRAMME

In Mechatronic, The student graduate form the programme of industrial Automation Technology graduate by having knowledge and habits below in general:
They know the main principles about mechanics hydraulic pneumatic and electronic control instruments, equipments.
They use DOS, Windows operating systems AC-DC circuits’ analysis pocket programme, Excel, Word, C programming Language and AutoCAD.
They know the measurement techniques and control methods of the variations like level, Pressure and heat variations, discharge velocity and moisture current speed
They learn programmable logical control circuits (PLC) and their industrial applications.
They learn and apply the microprocessor concepts.

They understand the basic electric and electronic principles about operating the equipment that they are responsible for.
They recognize the electronic elements and know the techniques concerning the reading of the electronic values.
They recognize the components in the electric, electronic and pneumatic diagrams and repair them.
They use symbols of the international basic instrumentation.
They know the use of CNC machines.
The programme of Industrials Automation Technology trains the intermediate man power who is interested in the maintaining, repairing and operating of control instruments in the machines used in industry.
A student graduating from the programme of Industrial Automation Technology can work both in all the factories and workshops belonging to the public or private sectors individually.
MILK AND MILK PRODUCTS PROGRAMME

Uludağ University Vocational School of Technical Science, Dairy and Products Technology Program is located in a region with 24000 registered food manufacturers of 16% which are dairy and products manufacturers.

General mission of our program is to support healthy development of Dairy Products Industry. Our operating principles to fulfill our responsibilities are:

- Following scientific improvements continuously.
- Graduating well-trained students to respond the needs of industry
- To serve for deployment of technological improvements with scientific publications and courses
- To show people that dairy and products are the most reliable food for public health

Our aim is to support industry by educating technicians who are informed about the risks occurring during the process of highly sensitive chemical structured milk, which could threaten public health. Our students are equipped with the technical qualifications for minimizing production losses, sanitation rules, ability to apply and construe quality control analyses of dairy products, and marketing and storage information.

Teaching Staff:
In our department there are 3 Veterinarian teaching staff with PhD degrees in Food Hygiene and Technology department and specified in the topics; physiology of lactation, zoonoses disease and mastitis, milk chemistry and microbiology, dairy products technology, quality control and HACCP.

Technology Laboratory

- Plate pasteurizer
- Cream separator controlled
- Evaporator
- Steam Generator
- Homogenizator
- Cheese vat with double-walled and pH
- Ice cream process tank and freezer
- Cylindrical drier (milk powder)
- Double-walled pasteurizer tank with the capacity of 1000 and 100 liter
TEXTILE PROGRAM

Developments in science and technology have brought about rises in the levels of prosperity and culture and made people longing for more comfortable and better living desire. As these conditions lead people at every age to better and different clothing, the needs for textile increase. Together with the improving fashion concepts, there are considerable increases in people’s clothing needs. Besides people’s gusto, social and financial situations determine the clothing style and needs. Growing and changing of the sector require better informed and more experienced staff. The engineers and technicians educated for this purpose assist in the development of the sector. The textile technology programme has been continuing to train students as regular and evening education since 1986. In this programme the students are trained both theoretically and practically on fiber, thread, knitting, weaving, dyeing, stamping, ready-to-wear clothing and quality control.

In our lab quality control and dye-stamp test instruments are used. Stamp design conceptions are done by computers and they are applied on fabric. Armure and jacquards designs are done by computers and then manufactured at the hand weaving machines. Various knitted clothes are manufactured at the knitting machines by hand. Our graduates work as textile technicians in any field that the sector needs.


Campuses

Uludağ University is situated in Görükle in the city of Bursa, approximately 25 km from the city centre. We have several associated regional campuses in the province of Bursa.

Görükle Campus (Main):
- Faculty of Medicine,
- Faculty of Economic and Administrative Sciences,
- Engineering and Architecture,
- Veterinary Medicine, Agriculture,
- a big part of Faculty of Education
- Faculty of Arts and Sciences,
- Drawing Department of Faculty of Fine Arts
- School of Health Services
- Vocational School of Technical Sciences,
- Graduate Schools,
- Heads of Departments
- Rectorate

152 Evler Campus:
- Fine Arts Education Department of Faculty of Education
- State Conservatory

Fethiye Campus:
- Faculty of Theology

Gemlik Sunipek Campus:
- Faculty of Law

Mudanya Campus:
- Acting and Drama Playwriting Majors of Faculty of Fine Arts

Ali Osman Sonmez Campus:
- School of Foreign Languages
- Vocational School of Social Sciences

All Vocational Schools bearing the name of their town are located in the respective towns in separate campuses.

As of 2008-2009 academic year our University has a total of 39,277 students, 787 professors, 1257 lecturers and 1739 administrative staff.