

MECHATRONICS

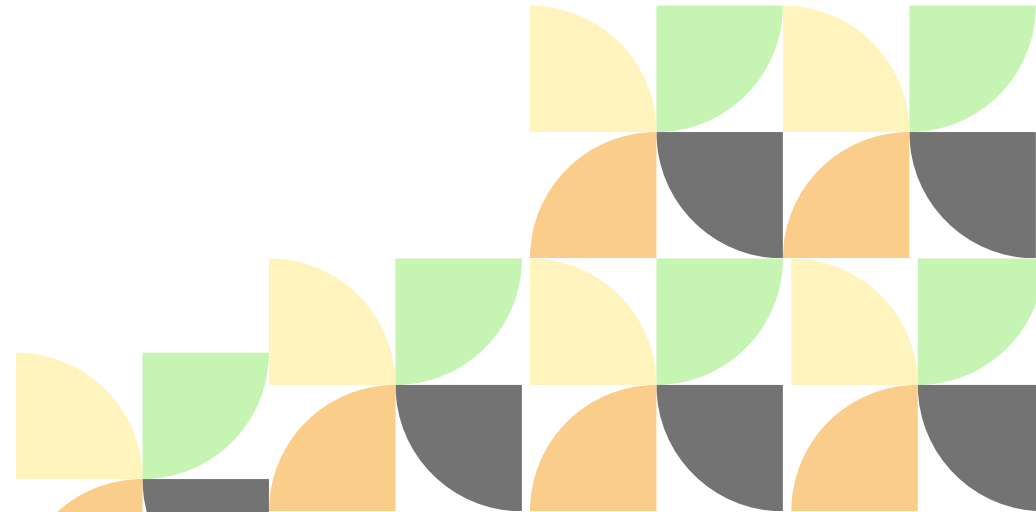
Istanbul Gelisim University
Istanbul Gelisim Vocational School

“ Our program is at the heart of the world of technology, and provides students with a wide range of interdisciplinary skills from robotics to automation. By integrating theory and practice, it educates students as technicians who can develop creative and innovative solutions needed by the industry. ”

Lect. Kübra ERDOĞAN
Head of the Mechatronics Program



Istanbul Gelisim
Meslek Yüksekokulu





The Aim of the Program

To serve many disciplines such as robotics, control, and automation by focusing on electrical, electronic, and computer controlled systems used in the industrial sector by producing, installing, repairing and maintaining them. To provide qualified manpower to the machinery, aircraft, communications, robotics, quality control, food, health, automotive and defense industry sectors.

— “ —————


For those who want to shape the technologies of the future, mechatronics is a dynamic and exciting field full of boundary-pushing projects.

————— ” —



Future of the Program

The program aims to provide students with knowledge and skills in the installation and maintenance of electrical, electronic and mechanical working principles of the machines used in the industrial sector. In addition, it aims to train professional staff who are competent in their field and can apply them in their business life by following current technologies.



Curriculum Information

The normal education period to complete the Istanbul Gelişim University, Istanbul Gelişim Vocational School Logistics Program is two academic years, and the total minimum credit amount to be completed depending on the student workload is 120 ECTS.

In the first two semesters, our students take common courses at our vocational school and basic introduction courses to the field in a professional sense. Starting from the third semester, the focus is on vocational courses and our students begin to take elective courses in addition to the compulsory courses that are required in the professional sense.



Academic Staff



Lect.
Kübra ERDOĞAN
Mechatronics
Head of the Program



Lect.
Yasemen KARAMAN
Mechatronics



Lect.
Ali GÜRCAN
Mechatronics



Lect.
Çağrı FAYDACI
Electrics



Sectoral Collaborations

Our university attaches great importance to cooperation with the public, private sector and non-governmental organizations in its pursuit of excellence in education and research. These collaborations enable us to build a stronger future by sharing our knowledge and resources and working together to achieve common goals.



Internship

At the end of the second or fourth semester, our students progress in their career journey by doing 30-day summer internships in order to graduate.



Career Opportunities

Technical staff trained in the Mechatronics Program can work in the machinery, automotive, defense industry, aircraft and energy sectors in public or private enterprises.



Activities

Our university and our program contribute not only to gaining knowledge and skills, but also to progressing towards becoming an individual who will make his/her own difference and benefit the society. Our students have the opportunity to develop their skills in various workshops, learn by having fun at festivals, raise awareness in social responsibility projects and participate in unforgettable events, and have the chance to show themselves in competitions. Our activities develop cooperation and team skills. They also offer career opportunities.

The activities carried out are as follows:

- Workshops
- Festivals
- Trips
- Seminars
- Symposiums
- Exhibitions
- Social Responsibility Projects
- Interviews
- Sustainable Events



Double Major Opportunities

The purpose of the double major program is to enable students who have successfully completed their major program to study in a second major program free of charge. Students who have a cumulative grade point average of 2.90 out of 4.00 in their major program and who are in the top 20% of their undergraduate/graduate program can start the second major diploma program free of charge.



Erasmus+ Program

With Erasmus+, the European Union's (EU) grant program in education, youth, and sports opportunities, our students can access various opportunities such as education, training, internship, professional development, non-formal learning-based youth activities abroad.



Research Centers

Innovative, technological and sociological studies are carried out in many different branches with 20 different application and research centers within our university. In addition, thematic research groups carry out studies that will contribute to science in 10 different fields from food to construction, automotive to health.

IGU listens to all students who say “I have a project” and provides all kinds of opportunities to realize these projects. IGU also has a Technology Transfer Office to provide the necessary information and guidance for academicians, researchers, students and graduates to start their own initiatives and to create the necessary collaborations for this purpose.

Research Projects

Project Type: Normal Araştırma Projesi
Project Name: İstanbul Gelişim Üniversitesi Kule Binasının Karbon Ayak İzinin Hesaplanması ve Yapay Zekâ Yöntemleri ile Kısa Orta ve Uzun Dönem Yük Tahmini Gerçekleştirilmesi

Project Manager: Assoc. Prof. Lokman KANTAR

Researcher(s): Assoc. Prof. Bahtiyar DURSUN, Assict. Prof. Ercan AYKUT, Lect. Ali ÇETİNKAYA, Lect. Kübra ERDOĞAN, Lect. Sena Nur BENLİ, Lect. Sena TAŞ, Lect. Tuğba SARAY ÇETİNKAYA, Lect. Çisem YAŞAR

Project Status: Ongoing

Project Type: Grant Program for Scientific Training

Project Name: Basic PLC Training

Project Team: Assist. Prof. Ercan AYKUT, Lect. Sena TAŞ, Lect. Kübra ERDOĞAN, Lect. Muhammet Cihat MUMCU, Lect. İzzet YAVUZ, Res. Asst. Kenan SAVAŞ, Res. Asst. Şeyma DERDİYOK

Project Status: Completed



Workshops, Laboratories and Studios

- 6 PC Computer Laboratories
- 1 MAC Computer Laboratory
- 2 Aircraft Engine Laboratories
- 1 Aircraft Structural / Mechanical Laboratory
- 1 Aircraft Electronics / Avionics Laboratory
- 1 Lab-Electricity
- 1 B2 / Avionics Laboratory





DGS Course

Istanbul Gelisim Vocational School organizes the Vertical Transfer Examination (DGS) Course for our students free of charge every year. In the course, topics for DGS, especially basic mathematics and geometry, are covered.

Our students can register for our course organized for second year students of our vocational school by applying on the announced dates and prepare for DGS free of charge.



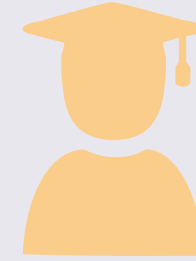
English Course

Istanbul Gelisim Vocational School, which operates with the aim of increasing the human skills of our students within the framework of its vision of continuous development, opens professional English courses for our students. The aim of the courses is to provide education based on social sciences and natural sciences. In the lessons, our students' basic English knowledge is reinforced by studying field-specific English texts.

Our English courses are completely free and contribute to increasing the human skills of our students.



IGU from Alumni Perspective



İlkay GÖZLER

Mechatronics Program
Graduate

Seeing the support of all my professors throughout my associate degree education made my education period very enjoyable and successful. It also made me happy that the support of our professors continued after our graduation. I would like to thank them for always being with us.



Let's Learn
Together

Let's
Discover
Together

Let's Connect
to the World!

MECHATRONICS PROGRAM

**For more information, please contact
the head of the program:**

kerdogan@gelisim.edu.tr

CONTACT:



myo.gelisim.edu.tr



igumyo



igumyo



igumyo



0212 422 70 00