

ELECTRONICS TECHNOLOGY

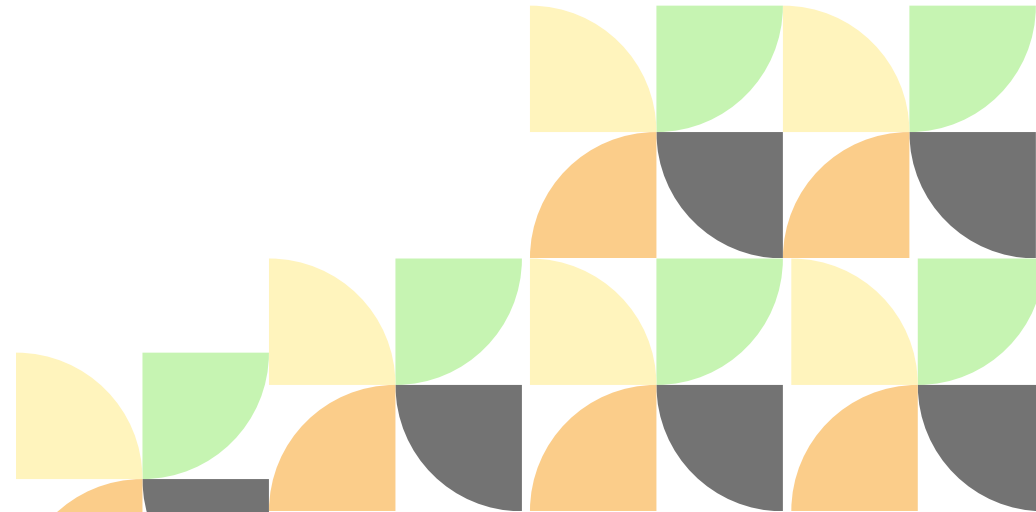
Istanbul Gelisim University
Istanbul Gelisim Vocational School

“*Our program offers an excellent opportunity for individuals looking to specialize in the design and implementation of innovative and advanced electronic systems. It equips students with practical skills and theoretical knowledge that provide a competitive edge in the rapidly evolving world of technology.*”

Lect. Funda ATEŞ
Head of Electronics Technology Program



Istanbul Gelisim
Meslek Yüksekokulu





The Aim of the Program

The Electrical Technology Program aims to blend practical training (workplace training and laboratory environments) with theoretical education to enhance graduates' analytical and problem-solving skills. It seeks to meet the evolving needs of industry for skilled intermediate-level professionals by producing high-quality workforce.

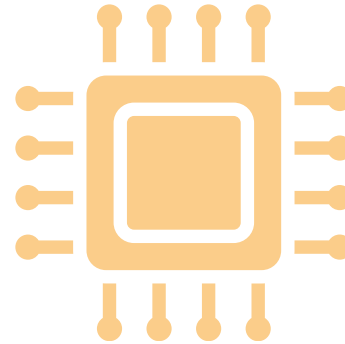


In our program, which includes courses from various fields such as microcontrollers, telecommunications, communication, medical electronics, and facility management, we also offer fundamental courses that provide all the basic knowledge an electronics technician will need in the field.



Future of the Program

The aim of the Electronics Technology Program is to produce graduates who are familiar with electronic systems, understand their operating principles, can perform mathematical calculations for digital electronics when necessary, design automatic and electronic control systems, create flowcharts, assemble electronic devices, perform necessary maintenance, and troubleshoot and repair electronic equipment in case of malfunctions.



Curriculum Information

Istanbul Gelisim University, Istanbul Gelisim Vocational School's Electronics Technology Program is designed to be completed within a normal period of two academic years, with a total minimum credit requirement of 120 ECTS credits, depending on the student workload.

Students take common courses offered by the vocational school in the first two semesters, including introductory courses in the vocational field. From the third semester onwards, the focus shifts to vocational courses, where students begin to take both mandatory and elective courses relevant to their field of study.



Academic Staff



Lect.
Funda ATEŞ
Head of Electronics
Technology Program



Lect.
Ali ÇETİNKAYA
Electronics Technology



Lect.
Canan Yılmaz BİLGİN
Electronics Technology



Lect.
Saddam HEYDAROV
Electronics Technology



Lect.
Sena TAŞ
Electronics Technology



Lect.
Şehmus TURAN
Electronics Technology



Sectoral Collaborations

Our university places great importance on collaborating with public, private sector, and civil society organizations in its pursuit of excellence in education and research. These collaborations enable us to build a stronger future together by sharing knowledge and resources, and working towards common goals.



Internship

Our students progress in their career journeys by completing a 30-day summer internship at the end of their second or fourth semester, necessary for graduation.



Career Opportunities

Fields such as sound systems, sound reinforcement for venues, studios and public spaces, technical services, maintenance and repair units, electrical and electronic assembly and disassembly tasks, microcontroller programming, power electronics, manufacturing of electrical-electronic devices, electronic design offices, electrical installation planning and project offices, control systems, and medical electronics.

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 conducted are as follows:

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





Double Major Opportunities

The purpose of the double major program is to enable students who excel in their major programs, with a minimum GPA of 2.90 out of 4.00 and ranking within the top 20% of their undergraduate program, to pursue a second major and earn an additional diploma free of charge.



Erasmus+ Program

Through Erasmus+, the European Union's grant program for education, youth, and sports, our students have access to various opportunities abroad such as education, training, internships, professional development, and youth activities based on widespread learning.



Research Centers

Within our university, a wide range of innovative, technological, and sociological research is conducted across 20 different applied and research centers. Additionally, thematic research groups contribute to science in 10 different fields ranging from food to construction, automotive to healthcare.

The IGU Technology Transfer Office has been established to provide necessary information and guidance for academics, researchers, students, and alumni to initiate their own ventures. It actively listens to all students saying "I Have a Project" and provides every opportunity to bring these projects to life.



Research Projects

Project Type: 2219-TÜBİTAK Overseas Post-Doctoral Research Project

Project Title: Phenomenological Perspectives on the Problem of Evil: Rethinking Organicism against Animal Suffering for a New Theodicy

Project Leader: Lect. Dr. Atilla AKALIN

Project Location: University of Santiago De Compostela, Spain

Project Type: TÜBİTAK Scientific Education Activities Support Program

Project Title: 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 DİRDİYOK

Project Status: Completed

Project Type: Regular Research Project

Project Title: Calculation of Carbon Footprint and Short, Medium, and Long-Term Load Forecasting of Istanbul Gelişim University Tower Building Using Artificial Intelligence Methods

Project Manager: Assoc. Prof. Dr. Lokman KANTAR

Researchers: Assoc. Prof. Dr. Bahtiyar DURSUN, Assist. Prof. Ercan AYKUT, Lect. Ali ÇETİNKAYA, Asst. Prof. Kübra ERDOĞAN, Lect. Sena Nur BENLİ, Lect. Sena TAŞ, Lect. Tuğba SARAY ÇETİNKAYA, Lect. Çisem YAŞAR

Project Status: Ongoing



Project Type: IGU Research Support Program (İGÜ BAPUM)

Project Title: Improving the Usability of Smart Medicine Vending Machine

Project Leader: Assoc. Prof. Indrit MYDERRIZI

Researchers: Lect. Ali ÇETİNKAYA, Lect. Muhammet Ömer ERDOĞAN, Lect. Tuğba SARAY ÇETİNKAYA, Res. Assist. Furkan YILMAZ, Lect. Umut UZ

Project Status: Completed



Workshops, Laboratories and Studios

- 6 Computer Laboratories-PC
- Computer Laboratory-MAC
- Aircraft Electronics / Avionics Laboratory
- Electrical Lab
- B2 / Avionics Laboratory





DGS Course

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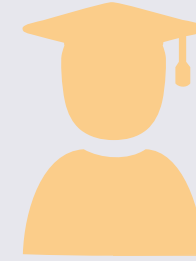
English Course

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

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



IGU from Alumni Perspective



Taylan BEKTAŞ

Electronics Technology
Program Graduate

The theoretical and practical courses I took in the Electronics Technology Program where I graduated continue to make a positive impact on my life. The courses I attended and the internship program were highly beneficial in guiding my career path. In short, Istanbul Gelisim University expanded my perspective during the most crucial phase of my life and showed me the importance of thinking with a positive mindset.



Let's Learn
Together

Let's
Discover
Together

Let's Connect
to the World!

ELECTRONICS TECHNOLOGY PROGRAMI

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

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CONTACT:



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