

# INFORMATION SECURITY TECHNOLOGIES

Istanbul Gelisim University  
Istanbul Gelisim Vocational School

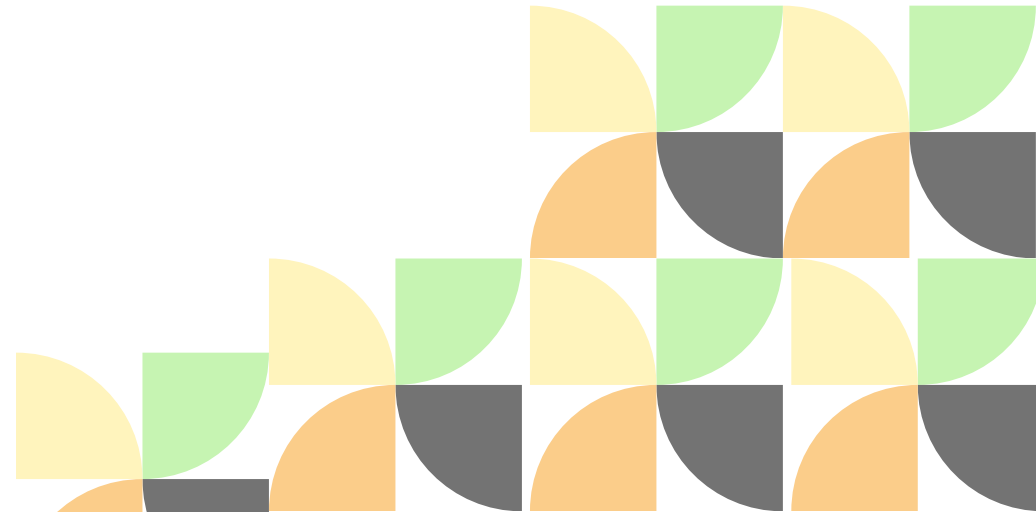
“ *Our program prepares students for leading positions in cyber security by providing them with practical skills and theoretical knowledge. If you want to take your place in this dynamic and rapidly growing field, join our program and take your place among the cyber security experts of the future!* ”

*Lect. Tuğçe YÜKSEL*

*Head of the Information Security Technologies*



**Istanbul Gelisim**  
Meslek Yüksekokulu





## The Aim of the Program

Valuable and critical information, such as health records, financial transactions, defense, and education data, is stored and processed on the Internet. The Information Security Technology Program aims to ensure the security of this information, documents, and data and to train expert staff who can produce solutions to security problems that may occur.

— “ —

*Information security is one of the most critical issues today and we offer an ideal training for those who want to specialize in this field.*

— ” —



## Future of the Program

Information Security policies help to protect the confidentiality, integrity, and availability of data. This program aims to train technicians to work as expert software developers and technical support staff who will provide information security to protect important data and ensure the continuity of business and public work.



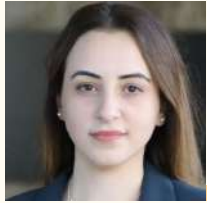
## Curriculum Information

Istanbul Gelisim University, Istanbul Gelisim Vocational School, Istanbul Gelisim Vocational School Information Security Technologies Program has a normal education period of 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 the courses taught in common in our vocational school and the basic introduction 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 as well as the compulsory courses required in the vocational sense.



## Academic Staff



**Lect.**  
**Tuğçe YÜKSEL**  
Head of the Information Security Technologies Program



**Lect.**  
**Adnan Kürşat TEKE**  
Information Security Technologies



**Lect.**  
**Mehmet ATICI**  
Information Security Technologies



**Lect.**  
**Tuğba Saray ÇETİNKAYA**  
Information Security Technologies



## Sectoral Collaborations

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



## Internships

At the end of the second or fourth semester, our students advance their career journey by completing a 30-day summer internship to graduate.



## Career Opportunities

Students who graduate from the Information Security Technologies Program can work as system security specialists, information processing specialists, system support specialists, system and network consultants, and internet programmers in organizations that provide Internet and electronic mail services, have multi-user computer systems, computer networks, electronic commerce, distance education, etc.



## Activities

Our university and our program contribute not only to gaining knowledge and skills but also to 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
- Conversations
- Sustainable Events



## Double Major Opportunity

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:** Ordinary Research Project

**Project Name:** Calculation of Carbon Footprint of Istanbul Gelisim University Tower Building and Short Medium and Long Term Load Forecasting with Artificial Intelligence Methods

**Project Manager:** Assoc. Prof. Lokman KANTAR

**Researcher(s):** Assoc. Prof. Bahtiyar DURSUN, Assist. 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:** IGU BAPUM

**Project Name:** Improving the Usability of Smart Medicine Vending Machine

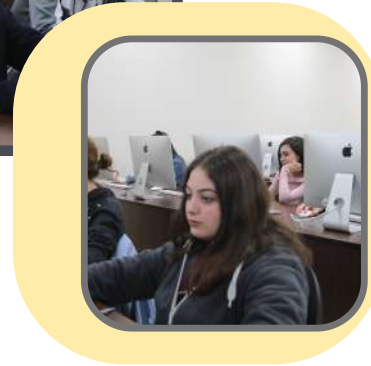
**Project Coordinator:** Assoc. Prof. Indrit MYDERRIZI

**Researcher(s):** 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 Laboratory-PC
- Computer Laboratory-MAC





## 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



**Beyzanur AYTAR**

Information Security  
Technologies Program  
Graduate

In 2020, I won the Information Security Technologies Program with a scholarship. The steps I took for the IT sector, which was my goal from the very beginning, and the desire to add something to myself have developed considerably thanks to my esteemed professors. The graduation projects we did contributed a lot to my professional life. I want to thank my esteemed professors, who provided all kinds of support during and after my education.



Let's Learn  
Together

Let's  
Discover  
Together

Let's Connect  
to the World!

# INFORMATION SECURITY TECHNOLOGIES PROGRAM

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

[tyuksel@gelisim.edu.tr](mailto:tyuksel@gelisim.edu.tr)

## CONTACT:



[myo.gelisim.edu.tr](http://myo.gelisim.edu.tr)



igumyo



igumyo



igumyo



0212 422 70 00