

IAU

RESEARCH AND
APPLICATION CENTERS,
TECHNOLOGY AND MEDICAL
SCIENCE LABORATORIES



ISTANBUL AYDIN UNIVERSITY

RESEARCH AND APPLICATION CENTERS

TECHNOLOGY LABORATORIES

MEDICAL SCIENCE LABORATORIES

Brochure
www.aydin.edu.tr

My
University
My future

**Istanbul Aydin University
Welcomes You**

RESEARCH CENTER

Advanced Studies Application and Research Center

This Center is established with the aim to review advanced and contemporary developments in science and technology, to conduct scientific researches within the framework of national and international collaborations, to increase the quality and the productivity of such researches, to collaborate with other national and international application and research centers in related fields and to contribute to the development of educational programs in related fields.

Africa Application and Research Center (AFRIKAM)

Africa Application and Research Center aims to increase Turkish researchers' attention towards Africa's social, economic and political structure; to prepare reports and projects about the continent; to assess the relation between Turkey and Africa on cultural, historical, religion, political and economic level; to help identify the roles Turkey can take in Africa's future and global economy.

Application and Research Center For Studies on Turkey (CST)

The Center is established to analyze and review Turkey's political, economic, legal, social and cultural issues through science, to conduct research and applications with an interdisciplinary approach and to create knowledge.

Astronomy Application and Research Center

Conducting scientific studies in the field of astronomy and aiming to develop and implement projects by providing suitable facilities and environments for researches, this center also aims to develop young people's curiosity for astronomy. For this purpose, thousands of students from different educational groups regularly have been benefiting from the facilities of the Solar Telescope and Observatory within the research center. A project is being prepared for TÜBİTAK on the education of Astronomy and science teachers besides conducting studies on astrophotography in GOKMER.

Ataturk's Principles and the History of Turkish Revolution Application and Research Center (ATAM)

The Center aims to carry out tasks in coherence with Ataturk's principles, and aims to raise Turkish individuals who embrace those principles in order to contribute to humanity as individuals who are well aware of their national, spiritual and cultural values and believe in the indivisible unity of Turkey as a nation, understand and internalize Ataturk's ideas, principles and revolutions and also strive to contribute to the state and the nation with the strength they obtain from his ideas, principles and revolutions.

Career Development Application and Research Center

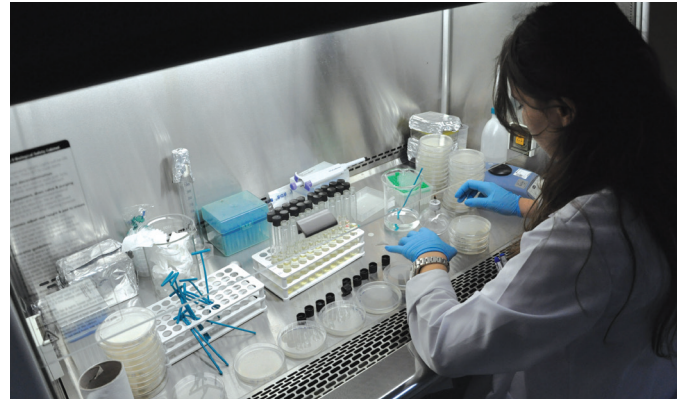
This Center aims to contribute to develop our university and country's human resources potential and performance and to increase the reputation and preferability of our university and its members by enhancing career planning and development skills of prospective students, current students, alumni and employees in line with the needs and the conditions of our University and our country.

Child Education Application and Research Center

This Center is established for elementary, middle school and high school students to obtain reliable and up-to-date information in the fields of science of their interest from scientists who are experts in their fields; to have access to scientific information easily; to conduct workshops to bring up the areas of their interest and they are talented at to make informed decision in choosing their career; to inform the families of the students in need of special education and to include students when they are young in projects to train young scientists well equipped.

China Study Application and Research Center

Istanbul Aydin University China Study Center is the very first research center specifically focusing on China based at a university in Turkey. It is established in February 2016 and it aims to promote knowledge and understanding of China's economy, politics, international relations, and culture. The center carries out research and engages in activities such as seminars, lectures, collaborative research, conferences, academic and student exchanges, summer schools.



Continuing Education Application and Research Center

The Center aims to provide training and advisory services for the individuals, institutions and the society in communications, management, organization, social relations and occupational skills to contribute to the work force of our country and train qualified work force in line with market needs.

Corporate Governance and Sustainability Application and Research Center

The Center aims to conduct research in corporate governance and sustainability related issues in academia and business world, implement projects and other related activities to promote corporate governance and sustainability in cooperation with private and public institutions and share the outcomes with all the stakeholders.

Cyber Security Application and Research Center

The Center aims to contribute to the development of cyber security technologies and industry by carrying out research and analyses, conducting modeling, design, simulation and manufacturing, following, evaluating and making predictions on cyber security technologies, developing infrastructure technologies and conducting system engineering works related to the system and/or sub-systems needed.

Defence Industry and Technologies Application and Research Center

The Center manages the Capability and Technology Demonstrator program on behalf of Defence. This center is an avenue for innovation by Turkish industry. It provides opportunities and funding for industry to demonstrate new technologies or the novel use of technology that can enhance capability in areas of defence priority.

Disability Application and Research Center

Disability Application and Research Center was established in 2012 within Istanbul Aydin University. This center aims to help people with disabilities to participate in independent living conditions and to participate in urban life in areas such as architecture, social, education, policy development, research, project development, raising public awareness, active participation of disabled people in business life and increasing employment opportunities and activities in this field.

Disaster Training Application and Research Center (AFAM)

The scope of AFAM's work is to create knowledge by encouraging and coordinating interdisciplinary research activities in the field of local and foreign disaster management with the collaboration of relevant academic units of the university; to disseminate the knowledge created and the ideal applications via different sources of communication.

Distance Learning Application and Research Center

Considering sectoral needs, Istanbul Aydin University has established distance learning system for associate's and bachelor's degrees. The Center has one MA program in E-business, and two BA programs in Computer Programming , Occupational Health and Safety, Banking and Finance, Local Administrations and Decentralization, Digital Marketing, e-MBA

Educational Sciences and Technologies Application and Research Center (EBTAM)

Research and Application Center for Educational Sciences And Technologies has been established to monitor and evaluate international education and educational technologies, to conduct interdisciplinary high-quality research and development studies, to develop data-based education policies and strategies. The center develops scientific research reports by developing national and international projects in the fields of educational sciences and technologies, and publishes international publications.

Energy Politics and Markets Application and Research Center (EPPAM)

EPPAM aims to contribute energy policy making and development process in Turkey through conducting researches and following developments and researches on energy policies and markets.

Environment and Human Health Application and Research Center

The Center's aim is to review scientific and technological advances in regards to environment and human health; to conduct scientific researches within the framework of international scientific collaboration; to increase the quality and productivity of the researches; to collaborate with local and foreign research centers in the same field and to contribute the development of masters programs in related fields.



Food Application and Research Center

The Center is established to carry out research and development projects on high value added food products, food quality and safety as well as food and consumer issues in cooperation with industry stakeholders.

Global Peace and Democracy Application and Research Center

Global Peace and Democracy Application and Research Center are to contribute to the accumulation and dissemination of "Peace Knowledge" through academic and scientific activities that would provide benefits to the whole system of life.

The primary purpose of Global Peace and Democracy Center is to support the studies regarding Democracy, Human Rights and Peace in relation of Middle East studies. It aims to support the education and research activities that develop human rights awareness and peace building skills between the groups within the framework of the theme of women and youth.

Health Application and Research Center

The Center is established to conduct and deliver research to offer diagnosis and treatment techniques for public health that offer quality and modern diagnosis and treatment services in line with todays' needs and meet expectations and respect patients' rights.

Health Services and Policy Application and Research Center

This Center is established to improve the health policies and to recommend solutions for the existing health issues of Turkey and Eurasia and to analyze existing policies in terms of organization, representation, financing and management of health services.

Higher Education Studies Application and Research Center

The aim of this center is to conduct research towards increasing the quality of education and training in higher education, to review valid and up-to-date quality standards in higher education; to assess performance criteria and to work towards developing standards and criteria that match our country's needs; evaluation of the necessary conditions for R&D studies in higher education and to create applicable models; review the effects of Bologna Process and Accreditation on higher education and to conduct research in this regard.



Industry 4.0 Application and Research Center

The Center aims to produce intelligent solutions related to the supply chain applications that enable the communication of production systems introduced by Industry 4.0 and to share the results with the academia and general public.

Middle East and Caucasus Application and Research Center

The Center aims to conduct joint projects in science, sociology, culture, arts and sports fields in Azerbaijan and the countries in the region with the condition to increase the solidarity of national unity.

National Security and Strategy Application and Research Center (USAM)

National Security and Strategy Research and Application Center at the Istanbul Aydin University conducts researches on issues regarding Turkey's national security as well as international security issues. For these purposes, USAM organizes panels, symposia and conferences.

New Media Application and Research Center

The Center is established to follow up the advanced and current technological developments in new media and to carry out scientific and applied researches, to increase the efficiency and quality of researches, to cooperate with domestic and foreign application and research centers and to contribute in the development of graduate and post-graduate programs in the related fields.

Occidental Studies Application and Research Center

OSARC organizes a rich interdisciplinary conferences, panel, lectures, special events and supports and presents advanced research on the Occidental history, society, culture, religion and politics. OSARC also shares academic expertise with the wider public, business, media and government institutions.

Oral and Dental Health Application and Research Center (ADSM)

Istanbul Aydin University Faculty of Dentistry Oral and Dental Health Research and Application Center aims to provide quality service to community at the diagnostic and treatment centers opened in Bahcelievler and Florya, Istanbul. It also aims to train young people to have the qualifications to be able to compete with dentists around the globe and to train students who are well equipped in theoretical and practical fields, able to speak a foreign language and capable of working anywhere in the world.

Personnel Documentation and Professional Testing Application and Research Center

Vocational Test Center of Istanbul Aydin University (IAUMSM) has been founded to evaluate and certificate the personnel who has been working or would like to work in the fields of construction and informatics in terms of vocational knowledge and qualifications based on the norms of national standards and competence.

Science, Technology, Engineering and Mathematics Application and Research Center (STEM)

The mission of IAU Research and Application Center for STEM Education is to follow STEM education activities at the national and international level, to provide equal STEM education opportunities for each individual in Turkey and to create scientific platforms that will enable learning and skill development and conduct and support R&D studies. It has the vision of organizing qualified and quality conferences, performing innovative activities and conducting R&D studies in the field of STEM education.

Social Studies Application and Research Center (TARMER)

The Center aims to conduct academic studies and researches and publications in order to review the cultural structure of the society we live in, based on scientific data, to determine the interaction of cultures, the role of factors such as beliefs, languages, and race in this formation, to reveal the effects of philosophical, ideological, scientific, technological developments.

Talent Management Application and Research Center

The Center aims to conduct research and application activities that include all selection and work processes and systems that will be implemented for the systematic attraction, identification, placement, development, engagement and retention of talented persons who are of particular value to the University.

Turkish Language Teaching Application and Research Center (Aydin TOMER)

Aydin TOMER is a center established to teach foreign students to learn Turkish in a modern teaching environment with modern teaching techniques. Established within our university, the Center formed its curriculum in line with Europe Common Language Criteria. Our experienced teaching staff at our Center have a student-centered approach.

Women Studies Coordinatorship (WSC)

Women's Studies Coordinatorship (IAUWSC), established with the partnership of Istanbul Aydin University Center for Studies on Turkey (IAUCST), aims to carry out activities to include and improve women's place in social and economic development and to train staff who are sensitive, knowledgeable and sufficient about women's status and issues; to organize seminars, conferences, congresses, symposiums, courses about women's and related issues in national and international level; to improve women's productivity; to carry out researches and projects about women's issues or to have such projects carried out, to participate in such works; publish works and to carry out projects and activities to contribute the protection and development of women's rights.



TECHNO CENTER

- ▶ Automotive Laboratory
- ▶ Civil Engineering Laboratories
- ▶ CNC Manufacture Laboratory
- ▶ Communication&Power Electronics Laboratory
- ▶ DNA Isolation Laboratory
- ▶ Food Chemistry Laboratory
- ▶ Food Microbiology Laboratory I-II
- ▶ Food Processing Laboratory
- ▶ Incubation Laboratory
- ▶ Inoculation Laboratory
- ▶ Instrumental Food Analysis Laboratory
- ▶ LED Lighting Laboratory
- ▶ Mechanics Laboratory
- ▶ Mechatronic Laboratory I-II
- ▶ Mixing Laboratory
- ▶ Molecular Biology Laboratory
- ▶ Nutrient Media Preparation Laboratory
- ▶ Physical Textile Analysis Laboratory
- ▶ Physics Laboratory
- ▶ Real Time PCR
- ▶ Sample Receipt
- ▶ Sterilization Laboratory
- ▶ Textile Chemical Textile Analysis Laboratory
- ▶ Vehicle Technologies Laboratory

MEDICAL SCIENCE LABORATORIES

- ▶ Anaesthesia Laboratory
- ▶ Anatomy Laboratory
- ▶ Audiology Laboratory
- ▶ Biochemistry Laboratory
- ▶ Dental Phantom Laboratory
- ▶ Dental Prosthesis Laboratory
- ▶ Dialysis Laboratory
- ▶ Disabled Care And Rehabilitation Laboratory
- ▶ Electroneuro-Physiology Laboratory
- ▶ Emergency and First Aid Laboratory
- ▶ Histology And Embryologist Laboratory
- ▶ Medical Biology And Genetics Laboratory
- ▶ Medical Imaging Laboratory
- ▶ Medical Skills Laboratory
- ▶ Microbiology Laboratory
- ▶ Multidisciplinary Laboratory
- ▶ Nursing Laboratory
- ▶ Nutrition And Dietetics Laboratory
- ▶ Operating Room Services Laboratory
- ▶ Opticianry Laboratory
- ▶ Orthotics-Prosthesis Lab
- ▶ Pathology Laboratory
- ▶ Patient Simulation Laboratory
- ▶ Perfusion Technics Laboratory
- ▶ Physiotherapy Laboratory
- ▶ Polyclinic Smiluation Laboratory
- ▶ Radiotherapy Laboratory

Studying in Istanbul

Istanbul has a wonderful location spanning the European and Asian continents across the Bosphorous Straits. Throughout history, this unique location made Istanbul politically, commercially and culturally a very important city. Once the capital of the Byzantine and Ottoman empires, Istanbul has great historic monuments, a commercial culture that is still very much alive and a cosmopolitan culture that welcomes all.

As Napoleon said, "If the whole world were one country, Istanbul would be its capital".



IAU International Istanbul Aydin University is committed to internationalization of its student body and academic programs. IAU Directorate of International Relations is responsible for managing and developing international activities and collaborations. Various offices under the directorate run the student exchange programs such as Erasmus+ study abroad programs, international summer and winter programs, full-time student recruitment activities, international student support services and Turkish language courses for international students.

Contact:

erasmus@aydin.edu.tr

About IAU

Students' Top Choice IAU is the most preferred Foundation University in Turkey both by Turkish students and international students.

Focus on Competency IAU emphasizes professional competency in its teaching. Students have internships integrated into their curricula and applied training opportunities through the many industry partnerships of IAU.

Technological Campus IAU has engineering and health sciences laboratories equipped with the latest technology, as well as art and design workshops and studios. Every classroom is equipped with smart boards and podiums.

International University IAU has an international campus with more than 6000+ international students from 124+ countries. IAU also offers numerous study abroad opportunities to all its students with its foreign partner universities.

Comprehensive University IAU offers academic programs in Associate's, Bachelor's, Master's and Doctoral levels. (Along with English & Turkish Prep School)

City University IAU's main campus in Florya offers easy access to the many social and cultural activities in Istanbul through public transportation.



IAU International Partners Week Event

IAU hosts and takes part in many international events to share knowledge, experiences and best practices with partner universities.

Among them, each year we organize the IAU International Partners Week Event, dedicated to colleagues involved in International Relations management of their universities as well as to colleagues managing short term programs and international students' recruitment.

Participants have the possibility of combining the participation to this event with the participation to EURIE – Eurasia Higher Education Summit, the third biggest annual higher education summit in the world.

Contact : erasmus@aydin.edu.tr
international@aydin.edu.tr

Most preferred foundation university in Turkey...

Our unique combination of industry links, internationally recognized contemporary programs and outstanding technologies make IAU the leading and the largest foundation university in Turkey. IAU is established to produce an inquisitive, educated and innovative population that is focused and driven to succeed. With the biggest Technology Center in Turkey established in one complex, university hospital, notable Social Sciences Research Centers, Incubation Center and the curriculum-as experience approach, IAU is open for research in Engineering, Social and Medical Sciences, exchanges of innovative practices and students and staff mobilities. We invite students to discover their path towards a bright future by joining our programs as well as international universities to become part of our family in our quest for educating tomorrow's generation.



ERASMUS+ AT IAU

IAU Aydin University has a long-established tradition of welcoming Erasmus+ students from universities all around the world onto our programmes. Our established links with over 310+ Erasmus+ partners widens opportunities for students and staff.

Erasmus+ Program supports worldwide university cooperation, thus allowing staff and students to conduct research, teach or study and get training in one of IAU's numerous prestigious partners around the World.

Our Florya Campus offers contemporary study facilities, support services, cafeterias and entertainment in one of the most attractive university campuses in Istanbul.

IAU offers you a wide range of subjects at the associate vocational, undergraduate and graduate levels, with ECTS credits that you can easily transfer back to your degree program at your home University. ECTS information package:

<http://ebs.aydin.edu.tr/>

Nominated students can opt to study at IAU for either one or two semester dependent on the terms and conditions of the inter-institutional agreement between our Universities with entry points in September and February.

We will provide comprehensive administrative, academic and welfare support for the duration of your Erasmus+ study and traineeship period. There is a full orientation program upon arrival with sessions and free of charge Turkish language courses specifically designed for Erasmus+ incoming students.

Since 2017, IAU has also received several Erasmus+ grants within the International Credit Mobility (ICM) scheme, thus allowing students and staff coming/going to Jordan, Morocco, Iran, Indonesia, Algeria, Azerbaijan and Russian Federation to receive Erasmus+ support grants. IAU is open to explore cooperation opportunities with institutions outside the EU space as well.

Application Deadline

Fall term: 15th August Spring Term: 15th December

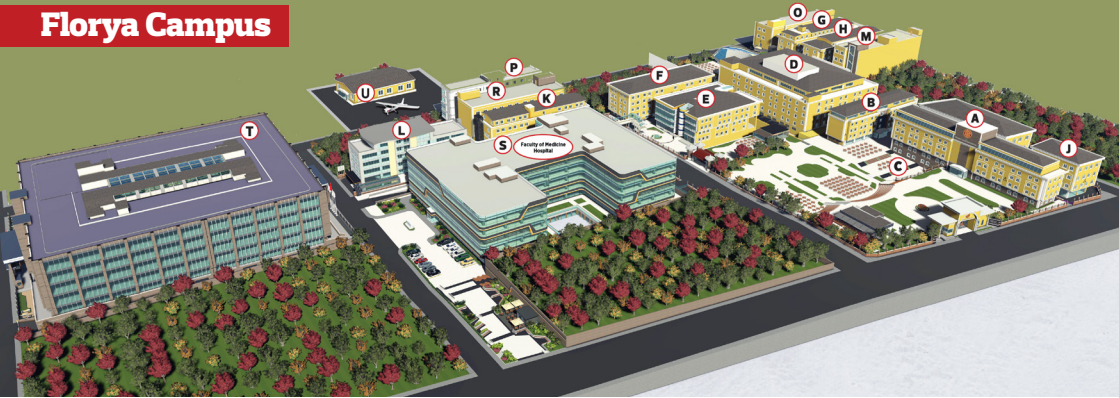
Term Dates

Fall term: September Spring Term: February

Contact:

erasmus@aydin.edu.tr

Florya Campus



A Block
Board of Trustees, Rectorate and General Secretary, VIP Salon, Conference Halls, Amphitheatres, Gym, Classrooms



B Block
Life Long Learning Center, Health Center, Anadolu BIL Vocational School of Higher Education, Health, Jewelry and Jewelry Design Laboratories, Hair Care and Beauty Services Laboratories, Career Center



G-H Block
Deaneries, Amphitheatres, Basic Medical Knowledge Labs, Observatory, Technology and Transfer Office, Incubation Center



C Block
Cafeteria

E Block
Amphitheatres, Fashion and Shoe Design Showrooms, Masjid, Cafeteria, Classrooms



F Block
Amphitheatres, Theater and Dance Stages, Drawing Rooms

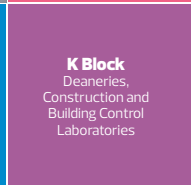
D Block
Amphitheatres, Computer Labs (Mac and Microsoft), Cafeteria, Prof. Dr. Aziz Sançar Technology Center, Conference Halls, Center Clinical Diagnostic Labs, IAUMED, Technology Transfer Office



L Block
Faculty of Dentistry, Dentaydin Hospital of Dentistry



K Block
Deaneries, Construction and Building Control Laboratories



O Block
Architectural Restoration Workshops, Gastronomy and Culinary Arts Application Centers, Demo Kitchen and Cafeteria, Cooking Program Application Center, Faculty of Law Deanery



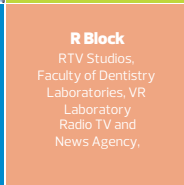
J Block
International Student and Staff Affairs, International Student Recruitment Office, Erasmus+ Office, International Academic Relations and Projects Coordinatorship

M Block
Health Services Vocational School, Basic Medical Knowledge Labs



P Block
Information Center (Library), Showroom

R Block
RTV Studios, Faculty of Dentistry Laboratories, VR Laboratory Radio TV and News Agency,



S Block
Faculty of Medicine Hospital



T Block
Amphitheatres, Student Affairs, Financial Affairs, Institute, Faculty of Arts and Sciences, Faculty of Economics and Administrative Sciences, Faculty of Education, Faculty of Arts and Sciences, Faculty of Law, Cafeteria, Laboratories, Offices, Sport Center, Culture and Sports Department, Masjid



U Block
Aviation Technology Hangar



IAU in Figures

40.000
Students

6.000+
International
Students from 124
countries

Cooperation
for education with
660+
universities all over
the world

420.000
m² of
open area



70.000+
Graduates

72
Bachelor's Degree
Programs



104
Associate's Degree
Programs

36
Research
Centers

130
Master's Programs

% 83.6
Recruitment
and placement
rate

The most
preferred foundation
university since
it was established.



10.000+
Solution
Partners



1.500
Lecturers &
Administrative
Staff

60
Doctorate
Programs

27
Basic Medical
Labs

188.000
m² of
indoor area

The biggest
TECHNO CENTER of Turkey, established
in a single complex.



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Istanbul Aydın University
Besyol Mahallesi İnönü Caddesi
No: 38 Küçükçekmece-İstanbul/TURKEY 34295
Phone: 0090 212 444 1428
Fax: 0090 212 425 57 59

 twitter.com/IAUKampus

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