

# Advanced Institute of Industrial Technology

Advanced Institute of Industrial Technology  
will grant three professional degrees:

Master of Technology in Business Systems Design Engineering,  
Master of Technology in Information Systems,  
and Master of Technology in Innovation for Design and Engineering.



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Professional graduate school  
Business Strategy, IT, Design



# ADVANCED INSTITUTE OF INDUSTRIAL TECHNOLOGY

AIIT is a professional graduate school operated by the Tokyo Metropolitan Public University Corporation. Opened in 2006, Tokyo Metropolitan University and the Tokyo Metropolitan College of Industrial Technology are under the same umbrella organization. The school produces excellent IT engineers, design engineers, and business innovators in order to contribute to and promote industries.

## AIIT has a master's program, and three courses.

### One master's program

Graduat school of  
Industrial Technology

### Three courses

- Business Systems Design Engineering Course
- Information Systems Architecture Course
- Innovation for Design and Engineering Course

### Degree

- Master of Technology in Business Systems Design Engineering
- Master of Technology in Information Systems
- Master of Technology in Innovation for Design and Engineering

## AIIT grants professional degrees equivalent to a master's degree.

Traditional graduate schools mainly teach researchers and offer research guidance. Conversely, AIIT is a professional graduate school specializing in graduate level education with a focus on the development of highly skilled professionals. In addition, students who have completed the program will be awarded a professional degree equivalent to a master's degree.

## AIIT specializes in the development of highly skilled professionals.

Highly skilled professionals are individuals equipped with advanced professional knowledge and skills who can serve as active human resources socially and internationally. With the progress in science and technology coupled with globalization in the social and economic spheres, there is an increasing need for human resources. AIIT was established in April 2006 as a new type of graduate school to respond to the demand for skilled professionals.

## AIIT's educational and research purposes and policies

### AIIT's educational goals

AIIT capitalizes on the specialized knowledge and systemized technical expertise to create new value. The school nurtures highly skilled engineers who possess the motivation and skills to rejuvenate industry.

### Diploma Policy

The Advanced Institute of Industrial Technology awards a professional degree to students, as human resources specified by the school philosophy, who have been enrolled for the prescribed period, have earned the prescribed credits, and have acquired the knowledge, skills, and competencies specified in the curriculum of the course program to which they belong, and meet the diploma policy.

### Curriculum Policy

We systematically combine lectures, seminars and project-based educational programs related to the field of each course, and provide guidance. Thus, first-year students will mostly acquire knowledge and skills through lectures and seminars, and second-year students will acquire further knowledge and skills necessary for project implementation through Project Based Learning (PBL) subjects, in addition to acquiring the competencies set by each course.

### Admission Policy

- In order to develop the human resources specified by the school philosophy, AIIT accepts students who understand the diploma and curriculum policies for the Master's degree courses and wish to achieve the following:
- (1)Advanced professional knowledge and practical skills in the industrial technology field for each program.
  - (2)Outstanding analytical skills for complicated problems to overcome the challenges and bring solutions to the industrial technology field of each program.
  - (3)Basic skills and knowledge in the industrial technology field of each program.
  - (4)Skills for continued learning and research.
  - (5)Necessary communication and teamwork skills for AIIT learning activities.
  - (6)Understanding of work ethics and the skills and attitude to fulfill responsibilities while observing ethical standards.
- AIIT employs a variety of screening methods for the fair selection of students.

## Message from the President

## Diversity and Co-creation

Our school is a professional graduate school founded by the Tokyo Metropolitan Government, and its purpose is to develop highly skilled professionals with advanced and specialized knowledge and skills who are capable of carrying out work in the field of industrial technology both in Japan and internationally.

Our Master Program of Industrial Technology consists of three courses: the Business Systems Design Engineering Course, which trains into business innovators who create value through starting businesses, creating new intra-firm projects, and succeeding family businesses; the Information Systems Architecture Course, which trains information system architects who are advanced IT engineers equipped with the ability to manage the upstream processes of information systems; and the Innovation for Design and Engineering Course, which trains "monozukuri (production) architects" who create values by integrating design, AI, and data science technologies.

Our school consists of faculty members who are capable of conducting academic research and conveying practical knowledge of the industrial world. We offer not only research but also educational program for students to acquire abilities that demonstrate new value in the field of industrial technology.

Our school values diversity and Co-creation. Our students have diverse backgrounds, such as working engineers and supervisors, new university graduates, business executives, and entrepreneurs. The qualities, knowledge, skills and abilities of the career models we produce are interdisciplinarily diverse. Each person has diverse creativity, individuality, and values. We accept this diversity and practice our own unique education, research, and social contributions, driven by the co-creation generated through the fusion of diverse human resources.

By enrolling in our school, you will receive new inspiration and awareness from interacting with such diverse values. You will realize the importance of deep learning and your talents will take hold as you learn. We will send out human resources into the world who can use their talents to improve society, the environment, and values.

I look forward to seeing you on our campus.

President  
HASHIMOTO Hiroshi



# AIIT allows students to acquire the best competencies

## Message from the Dean

While the School of Industrial Technology consists of one major, there are three degree programs. These three programs are referred to as courses: the Business Systems Design Engineering Course, which aims for students to acquire the skills to create future business models; the Information Systems Architecture Course, which aims for students to acquire advanced IT skills required by society; and the Innovation for Design and Engineering Course, which aims for students to acquire the design and engineering skills indispensable for production. Each course is designed to develop the human resources required in the economic activities of modern society, with curriculums aiming for students to acquire basic knowledge and expertise through various lectures and seminars, and to enhance their ability to carry out work through Project Based Learning (PBL).

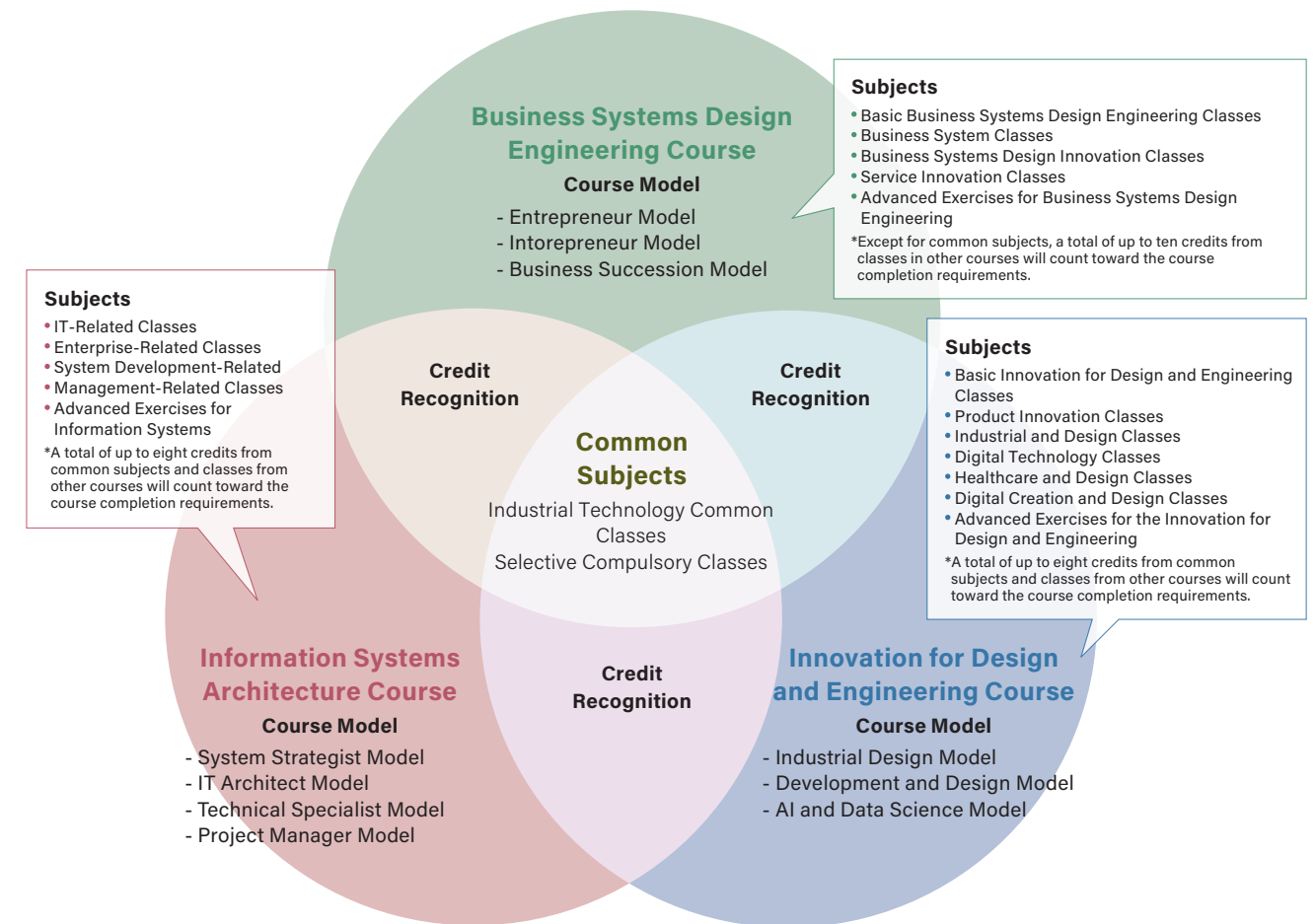
For the reasons above, the faculty is made up of individuals in a wide range of area, from researchers in relevant areas to experts with rich practical experience. At this school, there are no laboratory affiliations, and students can communicate with all teachers without barriers. So long as they are motivated, students will be able to learn from multiple teachers and may receive various opportunities. This means that if they are proactive, they have many possibilities.

Also, all of our students have diverse backgrounds, and are expected to provide rich stimulation for each other. We believe learning with classmates who are diverse in age, experience, and area of knowledge makes it possible to study in an environment students have never experienced before.

Under such a learning environment, students are expected to become socially and internationally active individuals equipped with advanced professional knowledge and skills. I look forward to working hard together.

Dean of the Advanced Institute of  
Industrial Technology  
**YOSHIDA Satoshi**

## New Master's Program Course Model



### Business Systems Design Engineering Course

The course equips students with the essential skills for creating future businesses.

The course nurtures business innovators who can bring new value to the future by starting a business and through new intra-firm projects and business succession.

→ Go to P. 6

### Information Systems Architecture Course

The course equips students with advanced IT skills required by society.

This program educates information systems architects, who are able to serve as highly advanced engineers expertise in various IT fields and contribute actively to information systems development.

→ Go to P. 7

### Innovation for Design and Engineering Course

The course equips students with the design and engineering skills required for monozukuri.

In this program, students acquire innovative design skills by integrating design and engineering to produce new products and services.

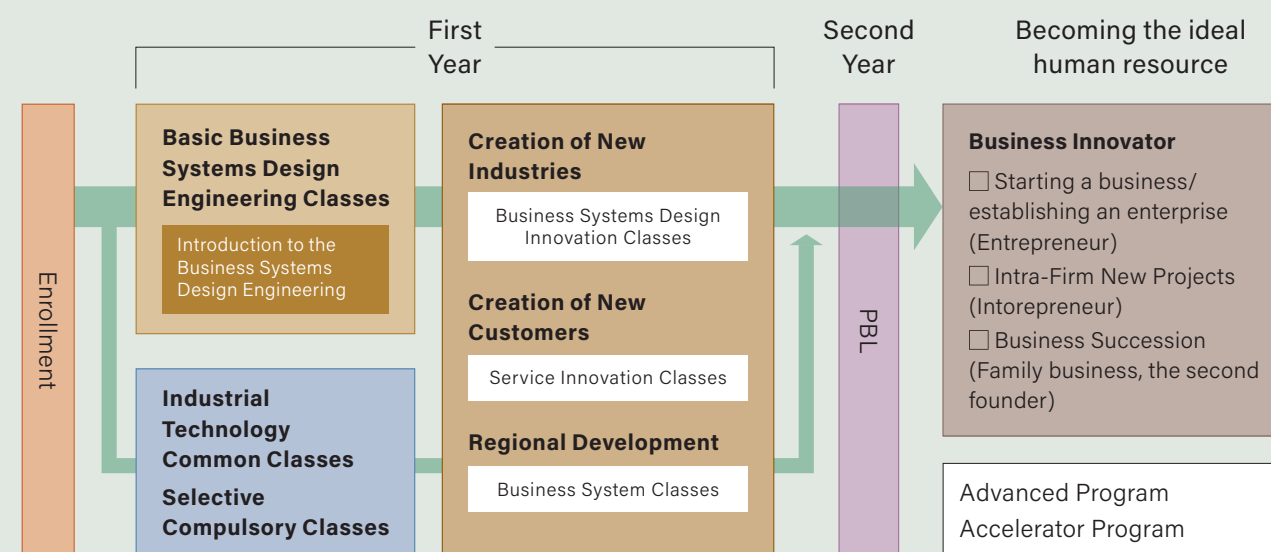
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# Business Systems Design Engineering Course

Students acquire the following to become business innovators:

- Necessary knowledge and skills
- Necessary competencies

<b>First year</b>	The first-year curriculum mainly provides students with the basic ideas and related methodology on how to create a valuable business by starting a business or establishing an enterprise, and through business succession.
<b>Second year</b>	The second-year curriculum incorporates Project-Based Learning (PBL) to provide students with the environment where they can appropriately leverage the knowledge acquired in the first year for real business tasks and develop the competencies necessary as business innovators.



## Admission Policy for the Business Systems Design Engineering Course

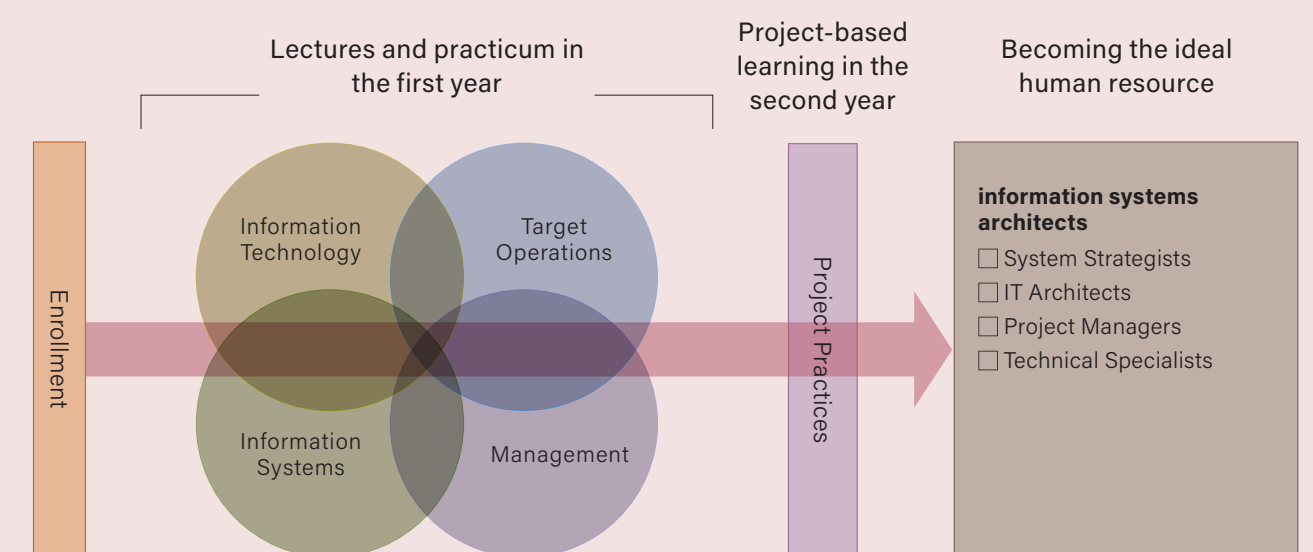
- 1 Those who will spare no effort to acquire logical and systematic comprehension of steadily advancing industrial technologies as well as dynamically changing environments
- 2 Those motivated to acquire systematic knowledge regarding cutting-edge business models and the latest industrial technologies
- 3 Those who challenging themselves to acquire the ability to comprehensively utilize their learned understanding and knowledge to achieve business innovation

# Information Systems Architecture Course

Students acquire the following to become information systems architects

- Necessary knowledge and skills
- Necessary competencies

<b>First year</b>	From programming to management, the first-year curriculum covers a broad body of knowledge in the IT-related domain to equip students with the knowledge and skills necessary as information systems architects through lectures and completion of a practicum.
<b>Second year</b>	The second-year curriculum incorporates Project-Based Learning (PBL) that takes advantage of AIIT's unique methodology. Through project practices, the course reinforces the knowledge and skills acquired during the first year and helps students develop the ability to accomplish tasks (competencies) that are essential for information systems architects.



## Admission Policy for the Information Systems Architecture Course

- 1 Those willing to acquire the ability to logically and systematically organize the knowledge and experience they have learned in universities and other institutions, and who will spare no effort to constructively learn further based on this knowledge and experience
- 2 Those who understand the educational system of the course, have a plan to learn efficiently, and are qualified to demonstrate collaboration and leadership through learning in teams or projects
- 3 Applicants must understand the course's educational system and plan ahead to effectively acquire knowledge, and they must be cooperative and display leadership in completing projects



# Innovation for Design and Engineering Course

Students acquire the following to become monozukuri architects:

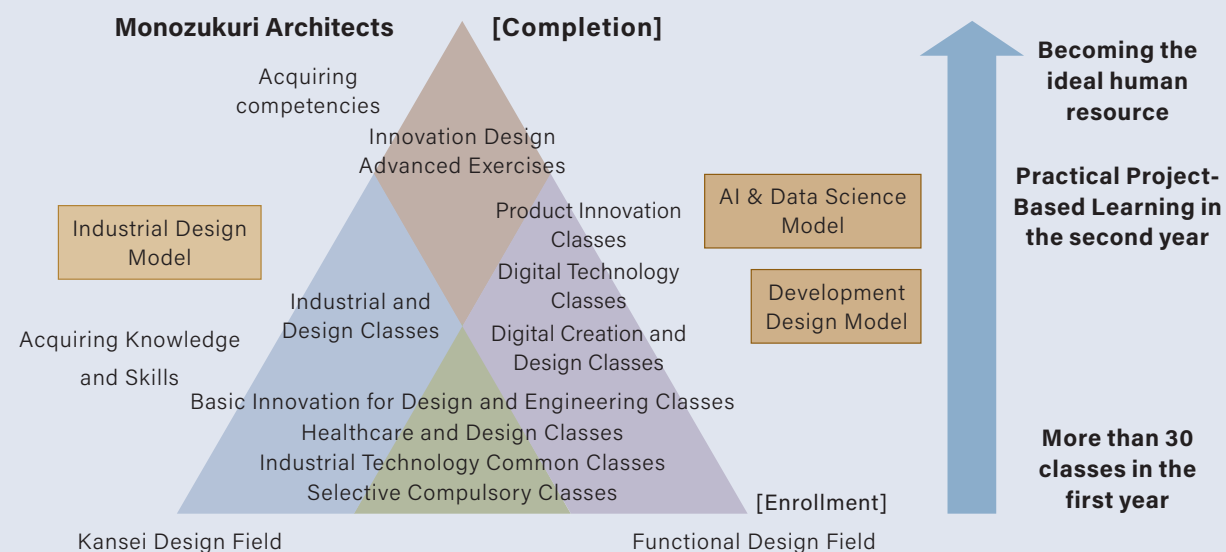
- Necessary knowledge and skills
- Necessary competencies

## First year

The first-year curriculum provides students with a systematic understanding of monozukuri and basic knowledge as prerequisites for business tasks.

## Second year

The second-year curriculum is designed to systematically teach students the necessary management skills through PBL-style lectures. The educational program employs PBL methods to provide students the opportunity to appropriately leverage the knowledge acquired in the first year for real business tasks and to develop student competencies (skills to accomplish tasks). Also, the school provides the environment to apply the knowledge acquired through PBL courses.



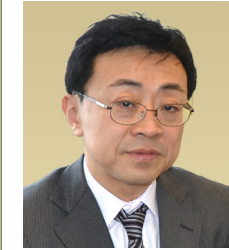
## Admission Policy for the Innovation for Design and Engineering Course

- 1 Those who are willing to acquire the ability to think with a rich sensitivity, systematically, logically, and intentionally, in addition to excellent communication skills, and who will spare no effort to achieve their goals
- 2 Those who are willing to understand local and global societal challenges and to seek their solutions by keeping up with the latest design engineering trends
- 3 Applicants must have a deep interest in monozukuri and a strong intellectual curiosity with a willingness to take on new creative challenges in consideration of the environment

# Introduction of Faculty Members



**Dean and Professor**  
**YOSHIDA Satoshi**  
Business Systems Design Engineering Course  
Degree  
Dr.Eng.  
Research Interests  
Innovation Strategy, Technology Management Theory, Artificial Design Theory, Building Architectural Design and Production Systems



**Professor**  
**ITAKURA Hiroaki**  
Business Systems Design Engineering Course  
Degree  
Ph.D.  
Research Interests  
Business Administration



**Professor**  
**UEDA Taro**  
Innovation for Design and Engineering Course  
Degree  
Bachelor of Engineering  
Research Interests  
Industrial design, Automotive design, UX/UI design, Perceived quality, Product Planning



**Professor**  
**UCHIYAMA Jun**  
Innovation for Design and Engineering Course  
Degree  
M.Eng.  
Research Interests  
Product Design, Robotics



**Professor**  
**OIKAWA Shuichi**  
Information Systems Architecture Course  
Degree  
Ph.D. in Engineering  
Research Interests  
System Software, Operation Systems, Information Architecture



**Professor**  
**OKUHARA Masayuki**  
Information Systems Architecture Course  
Degree  
M.Eng.  
Research Interests  
Information Security



**Professor**  
**KOSHIMIZU Shigeomi**  
Innovation for Design and Engineering Course  
Degree  
Dr.Eng.  
Research Interests  
Quality Engineering (Taguchi Method), Inventive Problem Solving Using TRIZ/USIT, Product Safety and Reliable Design, Precision Machines, Precision Engineering



**Professor**  
**KOYAMA Hiroshi**  
Information Systems Architecture Course  
Degree  
M.Eng.  
Research Interests  
System Software (OS and Programming Languages), Open Source Software, Information Systems Architecture, Education of Highly Skilled IT Professionals and Engineers, Management Information Strategies



**Professor**  
**CHUBACHI Yoshihide**  
Information Systems Architecture Course  
Degree  
Ph.D.  
Research Interests  
Software Engineering, Requirement Engineering, Agile Development, Information Technology Engineering Education, Environment Information



**Professor**  
**TOBITA Hiroaki**  
Information Systems Architecture Course  
Degree  
Dr.Eng.  
Research Interests  
User Interfaces, Computer Graphics, Information Visualization, Augmented Reality, Virtual Reality, Wearable Computing, Ubiquitous Computing




**Professor**  
**NAMIOKA Yasuo**  
Information Systems Architecture Course  
Degree  
Ph.D.  
Research Interests  
Production Systems, Big Data Application Systems, Work and Action Recognition, Mixed Reality Application Systems, Machine Learning



**Professor**  
**HAYASHI Hisashi**  
Innovation for Design and Engineering Course  
Degree  
Ph.D.  
Research Interests  
Artificial Intelligence and Agents

# Introduction of Faculty Members



**Professor**  
**HOSODA Takaaki**  
Business Systems Design Engineering Course

**Degree**  
Ph.D.

**Research Interests**  
Practical Decision-Making Theory, Prescriptive Decision-Making Theory, E-Commerce Market Analysis, Next-Generation Financial Technology, System Infrastructure Design



**Professor**  
**MAEDA Mitsuhiro**  
Business Systems Design Engineering Course

**Degree**  
Bachelor, Department of Law

**Research Interests**  
Development Support, International Finances, Financial Geopolitics, Industrialization and the Analysis of Civilization Evolution Based on Information Social Science



**Professor**  
**MATSUO Tokuro**  
Business Systems Design Engineering Course

**Degree**  
Ph.D.

**Research Interests**  
Tourism Informatics, Material Informatics, Information Economics, Convention Tourism, E-Commerce



**Professor**  
**MIYOSHI Kiyomi**  
Information Systems Architecture Course

**Degree**  
Ph.D.in Systems Management

**Research Interests**  
Project Management, Career Development,Counseling Psychology, Lifelong Development Psychology



**Professor**  
**MIYOSHI Yusuke**  
Business Systems Design Engineering Course

**Degree**  
Ph.D.

**Research Interests**  
Economics



**Professor**  
**MURAKOSHI Hideki**  
Innovation for Design and Engineering Course

**Degree**  
Dr.Eng.


**Research Interests**  
Computer Engineering, Parallel Processing Architecture, E-Learning Systems, Sequence Control, Embedded Systems



**Associate Professor**  
**KASAI Daisuke**  
Innovation for Design and Engineering Course

**Degree**  
M.A.in Design


**Research Interests**  
Affective Engineering, Colour Scheme, Graphic Design, Landscape Planning, Universal Design



**Associate Professor**  
**TABEL Kenichi**  
Innovation for Design and Engineering Course

**Degree**  
Ph.D.

**Research Interests**  
Dementia Medicine, Cognitive Neuroscience, Healthy Life Expectancy Design, Health Design Thinking, Art Therapy



**Assistant Professor**  
**IGARASHI Toshiharu**

**Degree**  
Ph.D.

**Research Interests**  
UI/UX HCI HRI



**Assistant Professor**  
**YIN Guohua**

**Degree**  
DOCTOR of PHILOSOPHY in SOCIAL SCIENCES


**Research Interests**  
Social Sciences



**Assistant Professor**  
**SATO Rie**

**Degree**  
Master of Technology in Innovation for Design and Engineering

**Research Interests**  
Master of Technology in Innovation for Design and Engineering



**Assistant Professor**  
**SHIBATA Atsushi,Ph.D.**

**Degree**  
Ph.D.

**Research Interests**  
Artificial Intelligence, Machine Learning, Kansei Engineering



**Assistant Professor**  
**Zhang Chaofeng**

**Degree**  
Ph.D.

**Research Interests**  
Information Network, Social Network, Intelligent Transport Systems



**Assistant Professor**  
**NAKAUCHI Ryogo**

**Degree**  
Bachelor of Arts (Politics), Master of Arts (Philosophy), Master of Technology in Information Systems

**Research Interests**  
Machine Learning, LLM



**Assistant Professor**  
**MATSUI Minoru**

**Degree**  
Dr.Eng.

**Research Interests**  
Industrial Design, Cultural Evolution



**Assistant Professor**  
**YOKOYAMA Yuya**

**Degree**  
Ph.D.

**Research Interests**  
Information Communication and Web Informatics, Service Informatics, Statistics



**Specially Appointed Professor**  
**OKAZAKI Koji**

**Degree**  
MPD

**Research Interests**  
Career counseling, Higher education digital transformation



**Specially Appointed Professor**  
**KAKU Takashi**

**Degree**  
Bachelor of Engineering

**Research Interests**  
Architecture, Urban Development, Corporate Management



**Specially Appointed Professor**  
**TAKASHIMA Shinji**

**Degree**  
Bachelor of Arts and Design


**Research Interests**  
Product Design, Mobility Design, Product Planning, Design Thinking/Management, and Creativity Education



**Specially Appointed Professor**  
**MAKINO Chisato**

**Degree**  
Ph.D. in Biotechnology

**Research Interests**  
Pharmaceutical Science, Supramolecular Chemistry, and Polymer Chemistry



**Specially Appointed Associate Professor**  
**IKEMIZU Morihiko**

**Degree**  
Ph.D.

**Research Interests**  
Social Psychology, Medical Engineering, Semiconductor Packaging Tech.



# Team-based breakthrough force that can only be experienced through PBL with diverse fellow students

Thorough discussion by diverse members

Across generations, genders, occupations and titles

At least three faculty members guide a team of about five members

Faculty members guide the team into reasonable direction

Practical knowledge can be gained from faculty members familiarized in practice

Many exercise rooms are available for PBL (see p.21)

What is AIIT PBL (project-based learning)?

In this program, a team of several students tackles a project over one year. Through this process, students acquire competencies that are truly useful in society. This educational method is effective in developing human resources with the skills to identify, suggest, and resolve problems, which are important for leading innovations.



# Unique features of AIIT PBL Method

AIIT’s unique educational program, management system, and evaluation system are integrated to realize PBL unique to AIIT.

**Educational program unique to AIIT**

PBL is the most important of the compulsory subjects at AIIT. Students acquire competencies through the practical application of knowledge and skills learned in the first year.

Year 1

Q1 Q2 Q3 Q4

Systematic acquisition of knowledge and skills  
Lectures and exercises  
At least 28 credits

Year 2 (compulsory)

1H/PBL 2H/PBL Completion

Acquisition of competencies  
PBL-based subjects  
12 credits

**Management system unique to AIIT**

Themes for PBL are determined with inputs from industry. Evaluation systems are established with experts invited from outside

PBL Review Panel  
(external and internal members)

- Established for the purpose of incorporating inputs from industry
- External panel members are invited from the member companies of the AIIT Operation Advisory Committee
- Committee meetings are held four times a year

PBL Operation Panel  
Common to the two master programs (internal members)

- Consists of dedicated members of AIIT
- The Operation Panel meeting is held concurrently with the PBL Review Panel meeting.
- A PBL study meeting is held once a year with the participation of all faculty members.

PBL teams  
Students

- Determine team allocation
- Grading by all faculty members

PBL Committee  
Full-time teachers

- Formulate PBL rules and framework
- Prepare the PBL project explanation sheets

**Evaluation system unique to AIIT**

All dedicated faculty members and external evaluators appropriately evaluate individual students

Key points for evaluation

- Extent of contribution to PBL activities (quantity and quality of activities and deliverables)
- Level of acquired competencies (achievement of professional master’s degree)

**Evaluation 1:** Evaluation of quality and quantity based on student’s declarations and other factors

PBL evaluation matrix	Qualitative evaluation	Quantitative evaluation
PBL activities	Project management, roles, and contribution	Activity Time to be spent for roles and contribution
PBL deliverables	Quality of documents, and software theses	Quantity of deliverables that satisfy the specified standards

**Evaluation 2:** Rubric evaluation against the pre-specified achievement targets of competencies



# AIIT works actively to promote globalization

## International Contribution through Industrial Human Resource Cultivation

In order for industry to develop and the economy to prosper, human resources who can take responsibility are essential. In developing countries, domestic cultivation of high-level professional human resources who could lead in tasks, such as factory managers, project managers in new development projects, is a pressing need, along with simple job training for the unskilled workers. Therefore, our school makes international contribution through introducing and spreading our characteristic PBL-scheme education method to these countries. Other than the members of the Asia Professional Education Network (APEN), in which our school participates as one of the leader schools, the scope of our partner schools is recently increasing to include other nations in Asia and African regions. Also, VIPs of international organizations and various nations often include our school as one of their destinations for inspection during their visits to Japan, and we welcome many visitors from abroad.

## APEN

The key to the development of Asian countries, especially emerging and developing countries in the 21st century, is in the development of high-quality industrial human resources, primarily in the industrial technology. Extremely large quantities of such human resources are in demand. To meet these needs, the Asia Professional Education Network (APEN) was established as an international organization in June 2011 for the purpose of developing and disseminating project-based learning (PBL) in Asia because PBL is an excellent method of developing industrial human resources in university and graduate school education. As of April 1, 2023, APEN has 13 member countries and 33 member associations, including 13 board member universities. AIIT serves as the secretariat.

### Board members (13 universities)

- Advanced Institute of Industrial Technology (Japan) • Pohang University of Science and Technology (South Korea)
  - Shanghai Jiao Tong University (China) • Vietnam National University (Vietnam)
  - Institute of Technology of Cambodia (Cambodia) • Institut Teknologi Bandung (Indonesia)
  - Thammasat University (Thailand) • University of Technology Malaysia (Malaysia)
  - Yangon Technological University (Myanmar) • Gujarat Institute of Technical Studies (India)
  - National University of Laos (Laos) • De La Salle University (Philippines)
  - University of Brunei Darussalam (Brunei Darussalam)
- And 20 other associations



General Assembly Meeting of APEN  
(Indonesia, October 2024)



Since academic year 2017, Tokyo Metropolitan Public University Corporation has promoted the initiatives “G, O, and S (Globalization, Only one, and Senior).” In particular, AIIT focuses on globalization and endeavors to develop advanced professional human resources who can exercise their skills globally and to promote exchanges and partnerships with universities in Asian countries.

## Global PBL

As international competition becomes more intense in Asia and other regions, the industry demands practical human resources who can exercise their skills globally. AIIT concluded a partnership agreement with Vietnam National University in 2009 and implemented global PBL using a teleconferencing system between the two countries. Leveraging this experience, AIIT has implemented global PBL with diverse universities.

### Themes over the past three years

#### Academic Year 2024

- Joint seminar and field survey on a collaborative project with Dong-A University
- Joint seminar and field survey on a global PBL project with the eGovernment Center of the Ministry of Technology and Communications of Laos
- Collaboration in education and research with the Economic Research Institute for ASEAN and East Asia (ERIA)
- Future Mobility and Infrastructure: AIITxSKKU Joint Research Part1
- Future Mobility and Infrastructure: AIITxSKKU Joint Research Part2
- Exploring the internationalization of PBL in technology management with the University of Cambridge
- Implementation of a global PBL project at Kirirom Institute of Technology in Cambodia

#### Academic Year 2023

- International Comparison of Value Creation through PBL
- Future Mobility and Infrastructure: AIIT x SKKU Joint Research, Part 1
- Future Mobility and Infrastructure: AIIT x SKKU Joint Research, Part 2
- Future Mobility and Infrastructure: AIIT x CCS Joint Research (including DX Policy Study)
- Joint Seminar and Field Survey for the Digital SDGs Project in Vietnam
- Joint Seminar and Field Survey for the Digital SDGs Project in Laos

#### Academic Year 2022

- Promotion of demonstration experiments, etc. for the construction of traffic congestion alleviation systems in major Asian cities
- Promotion of SDGs projects in Asian countries
- Promotion of start-ups in Asian and African countries
- Research on energy management and mobility from a multi-regional perspective based on future global social issues



“Cyber Security” seminar co-hosted with Dong-A University



Exchange meeting with Sungkyunkwan University (South Korea, January 2025)



# AIIT Industry-Academia-Local Government Collaborations

## OPI

The AIIT Open Institute (OPI) is an organization where AIIT shares the results of educational research with society, and carries out collaborative projects with local governments and other organizations for the purpose of regional development and projects that contribute to industrial development.

The OPI offers a number of practical specialized courses, seminars and forums, geared for corporate business managers and engineers, as well as AIIT students. The OPI is actively engaged in joint research with companies that have the desire and motivation to positively promote industry-academia-local government collaborations. The OPI promotes projects in cooperation with local government offices.



## Entrusted Research and Joint Research

Corporations embrace our teachers' intellectual resources.

AIIT's teachers and students join hands with corporations to work on a variety of different technical and management challenges as follows:

- Joint research with AIIT teachers to push forward product development
- New product development that takes advantage of AIIT's technical and design abilities
- Overseas business expansion
- Management improvement to boost sales
- Worksite improvement to develop high-quality products
- Solving technical problems in manufacturing
- Research in product functions and performance

## AIIT Forum

The AIIT Forum is an open lecture where people inside and outside of AIIT can participate. The OPI covers the latest topics in the ICT field, the monozukuri and design fields, and the entrepreneurship, business establishment, and business succession fields, and invites not only AIIT faculty but also those who are active in entrepreneurship and experts as lecturers to provide a place for open learning.

## AIIT Research Center

With the goal of responding to a radically changing social environment amidst the fourth industrial revolution and of promoting new research by sharing global knowledge to solve the problems of communities and the business community, The following research centers are established in OPI.

- Centre for the Research of Emergent functions in Artifacts and Technological Enterprises
- Research Center for Artificial Intelligence and Service Science
- Epistemic Research Institute of Social Ethics
- Research Institute of Medical Information
- Institute for Startup Accelerator
- Advanced Software Engineering Laboratory
- Behavioral Science Laboratory
- Research Center for Health Design
- AI UX Design Research Institute
- Institute for the Future of Workers

## Joint projects with local governments

- Tokyo metropolitan government  
AIIT supports the Tokyo metropolitan government with a variety of different political measures in collaboration with administrative organizations and related institutions of the metropolitan government as a public university established by the Tokyo metropolitan government.
- Tokyo 23 Municipalities  
AIIT promotes initiatives to leverage educational and research results for industrial promotion and continued learning projects within the community. In addition, AIIT works in partnership with industry associations, organizations supporting the industry, and research institutions to provide support to small- and medium-sized businesses by capitalizing on its educational and research results.

# Addressing the needs of the business community

## Management Advisory Council

The Management Advisory Council (the Council) was established within the Advanced Institute of Industrial Technology (AIIT) to reflect the needs of the business community in AIIT educational programs and to provide effective education and research in collaboration with industry. The Council consists of specialists and experts from the business community in the educational fields in which AIIT specializes and business managers outside AIIT. The Council makes recommendations on a broad array of issues concerning AIIT's educational system, such as the appropriateness of curricula as viewed from the perspective of business, the joint development of themes for project-based learning (PBL) programs, and social contribution activities in collaboration with local governments and corporations. The Council's recommendations are appropriately reflected in the development of the educational and research programs that best meet the needs of the business community, as well as in the administration and operation of AIIT.



Management Advisory Council





# An Educational Environment and Advanced Facilities That Support Comfortable Learning

The Shinagawa Seaside Campus provides an environment suitable for training highly specialized professionals with advanced and specialized knowledge and abilities. Facilities include Tokyo Yumekobo, a space where students can use equipment needed for monozukuri and to freely develop ideas.

## ■ Tokyo Yumekobo

The spacious Tokyo Yumekobo has meeting booths with large monitors, workshops, paint booths and other facilities for creative endeavors. It also has 3D printers, a laser cutting machine, an NC machine and a large-format printer. Students can freely develop their ideas here, conduct PBL, practice, and give presentations.

## ■ PBL (Project Based Learning) Laboratory

The PBL laboratory has five booths for giving presentations and holding PBL practice and meetings. Lockers are provided for each PBL team and a shared copy machine and other equipment is also available for student use.



## ■ Classrooms and Study Rooms

Classrooms have wireless LAN and a power outlet at each seat so that students can use their own laptop for lectures and presentations. In addition to a PC Room, there is a CAD Room with a color poster printer that can print in large-formats (B0 and A0), and lecture rooms for lecture-style classes.

An environment geared to self-study is also in place, with wireless LAN and several dedicated study rooms, one for individual use and two for group use.



## ■ Library

The Library provides digital and print media covering a broad range of topics ranging from the basic to specialized materials. The Institute houses over 22,000 specialized textbooks on information technology, business administration, management, engineering, and design, which help in the research of the specialized areas offered at AIIT. The inventory of books is available for retrieval from the database via the Internet.



## ■ Server Experiment Room

The Server Experiment Room is a laboratory for students to gain experience in network building and database construction. Students can freely build their own systems using the lab's multiple rack-mounted servers.

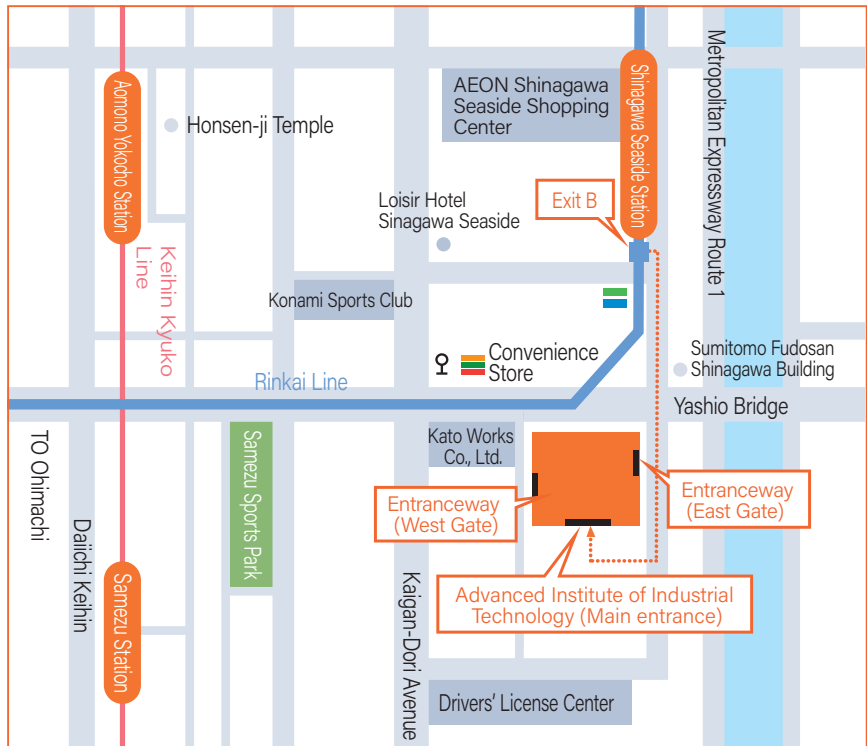


# Access and Vicinity Map



## Toei Bus

Get off at Toritsu Sangyo Gijyutsu Kosen Shinagawa Campus-mae and walk for two minutes.



## Shinagawa Seaside Campus

[The stations nearest to the Shinagawa Seaside Campus]  
-Rinkai Line/Get off at Shinagawa Seaside Station and walk for three minutes.  
-Keihin Kyuko Line/Get off at Aomono Yokochi Station and walk for ten minutes.  
-Keihin Kyuko Line/Get off at Samezu Station and walk for nine minutes.