Tokyo Metropolitan Public University Corporation

Digest Guide 2025

TOKYO METROPOLITAN UNIVERSITY

ADVANCED INSTITUTE OF INDUSTRIAL TECHNOLOGY

Tokyo Metropolitan College of Industrial Technology

CHECK!

Becoming a Place That Generates New Knowledge to Solve Global Challenges

Developing human resources and strengthening research capabilities to enhance the international competitiveness of Japan and Tokyo

Greetings, my name is Yasuo Nakayama. I was named the chairperson of the Tokyo Metropolitan Public University Corporation in AY2025.

Our corporation operates two universities (Tokyo Metropolitan University and the Advanced Institute of Industrial Technology) and one technical college (the Tokyo Metropolitan College of Industrial Technology). We are pursuing initiatives to ensure that we achieve the targets of our fourth medium-term plan.

This academic year, Tokyo Metropolitan University established a new special program for international finance career development. Preparations have also begun to add English-language degree programs to the existing university's undergraduate faculties, as well as to establish a new international faculty in AY2028.

Meanwhile, the Advanced Institute of Industrial Technology's education program to train digital transformation leaders who can handle the next stage of the industrial technology world was selected for a subsidy program by the Ministry of Education, Culture, Sports, Science and Technology.

Finally, the Tokyo Metropolitan College of Industrial Technology is generating truly stellar results through initiatives aimed at solving social issues, such as winning the Grand Prize at DCON2024 (National College of Technology Deep Learning Contest 2024) for developing a wire transfer fraud prevention system.

While Japan's global competitiveness has fallen in recent years according to ratings such as the World Competitiveness Rankings published by Swiss-based IMD, Tokyo continues to receive high marks for competitiveness, securing third place in the Global Power City Index for a ninth consecutive year in 2024. The city is truly fulfilling its role as a prime driver of Japan's economy. With the Japanese economy finally exiting its long period of deflation, we have entered a virtuous cycle that will take us from contraction to growth. This is why Tokyo—as a driver of our economy—must enhance its international competitiveness. As our nation's capital, Tokyo possesses significant strengths, including business and cultural concentration and diversity. The innovation born here will be a driving force that elevates Japan's position in the world.

As a metropolitan higher education institute established by the Tokyo government, our corporation will surely leverage the city's urban power in our continued drive to develop human resources and enhance research capabilities that boost the international competitiveness of Tokyo and Japan.

The establishment of a new international faculty at Tokyo Metropolitan University will serve as our lever. We will significantly increase the numbers of both Japanese students who are studying abroad and international students who study at our university, creating an environment in which they can challenge and inspire each other to become global talents capable of addressing worldwide challenges.

At the same time, to upgrade our competitive research capabilities to the highest global standard, we will also establish an environment in which outstanding researchers from both Japan and abroad can thrive. The Advanced Institute of Industrial Technology and the Tokyo Metropolitan College of Industrial Technology will foster highly specialized professionals and *monozukuri* specialists capable of addressing the challenges and needs of the industry and finance sectors in today's rapidly changing environment. To achieve this, we will strengthen their collaboration with Tokyo Metropolitan University while leveraging the network I have cultivated to invigorate communication with both sectors.

Through these cumulative efforts, I hope to contribute to society by making our corporation a place that generates the new knowledge needed to solve global challenges, produces individuals who can leverage that knowledge to thrive worldwide, and serves as a platform for education and research that sparks and sustains the continued growth of Tokyo, Japan, and society in general.

Corporation Profile

Name: Tokyo Metropolitan Public University Corporation

Establishment date: April 1, 2005

Address: 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo

Officers: (as of April 1, 2025)

Chairperson
- NAKAYAMA Yasuo

Vice Chairpersons
- OHASHI Takaya (President, Tokyo Metropolitan University)
- HASHIMOTO Hiroshi (President, Advanced Institute of Industrial Technology)
- NOMA Tatsuya (Director of Administration, Tokyo Metropolitan Public University Corporation)

Executive Directors
- YOSHIZAWA Masasumi (President, Tokyo Metropolitan College of Industrial Technology)
- TSUMURA Hirofumi (Vice President, Tokyo Metropolitan University)
- Oussouby SACKO (International Affairs)
- YAMASHITA Hideaki (Executive Assistant to the President, Tokyo Metropolitan University)

Auditors
- UNOTORO Keiko (Part-time Auditor)
- OKAMURA Toshikatsu (Part-time Auditor)

Number of employees (as of May 1, 2025): 700

NAKAYAMA Yasuo
Chairperson
Tokyo Metropolitan Public University Corporation

Midterm Goals (the fourth term, 2023 to 2028)

Tokyo Metropolitan Public University Corporation Basic Goals

Tokyo Metropolitan University, the Advanced Institute of Industrial Technology, and the Tokyo Metropolitan College of Industrial Technology will advance research and educational activities in close cooperation with the Tokyo Metropolitan Government in a way that only *metropolitan* institutes of higher education can. This includes developing the next generation of Tokyo's leaders, creating new knowledge, and conducting research that solves the problems of a major metropolis. We also have a mission to present these results to the people of Tokyo and the broader community, and by extension to the rest of the world.

At the same time, however, the higher education environment has greatly changed in recent years. The diverse problems modern society faces—including but not limited to the climate crisis—are occurring on a global scale and growing increasingly complex. No single individual or organization can solve them. Addressing them will require academia, industry, government, regional society and other groups to join forces in an effort that transcends organizational standpoints and boundaries.

Within this context, the so-called Fourth Industrial Revolution is changing the structure of society at an ever-increasing pace. While other countries are making huge investments in R&D and talent development in growing fields such as digital transformation and decarbonization, however, Japan's international presence has declined significantly in these areas.

Given these circumstances, the size of the role higher education plays is growing at an exponential rate. A declining birth rate, increasing globalization and other factors have pitted Japanese universities and colleges against increasingly fierce competition, both amongst themselves and from abroad. Japan's educational institutions must decide on a business strategy that advances high-quality education and research activities and responds to social expectations.

Taking these factors into account, the Tokyo Metropolitan Public University Corporation has designated the four pillars below in our fourth term midterm goals as we engage in diverse research and education activities that contribute to society:

- Creating new values by closely cooperating with society
- Education
- Research
- Corporate administration

Tokyo Metropolitan University

CHECK!

Enhancing Our Research Ability and Translating It into Education

Since AY2023, we have been executing our Research Enhancement Initiative with a goal of enhancing our research capabilities. The initiative is upgrading research environments, securing more time for research, and advancing open science. Strengthening our research capabilities in our various fields has produced solid results. For example, our researchers acquired sizeable funds from the Grants-in-Aid for Scientific Research (*kakenhi*) program. We also received a high number of applications for the Tokyo Center for Excellence (Chi no Miyako) Project, which is designed to support young researchers. We will continue to focus our efforts in these areas.

In addition, we made progress on our initiatives through the TMU Innovation Hub (Building No. 6, Hino Campus), focusing on promoting industry-university-government collaborations, supporting university startups, and sharing research equipment with users outside the university. We are also focusing on strengthening the computer science field.

Conducting excellent research and translating it into education is one of our key missions. The Japan Science and Technology Agency has selected us for their SPRING (Support for Pioneering Research Initiated by the Next Generation) and BOOST (Broadening Opportunities for Outstanding young researchers and doctoral students in STrategic areas) programs, which both support doctoral students. We will support students to ensure that they will excel on any world stage. We will also continue to upgrade our university-wide education, launch an interdisciplinary liberal arts and sciences program, and upgrade our education through the assessment of learning outcomes. Through these and other efforts, we will foster talented people who possess solid fundamental abilities, think for themselves, and take on challenges, and support vibrant campuses full of students fully engaged in both academic and extracurricular activities.

The Globalization of Research and Education

As a university established by the international city of Tokyo, vigorous promotion of internationalization is a key issue for us. We have begun preparations for internationalizing the university as a whole to maintain our vitality even amid Japan's anticipated population decline. We will be gradually introducing English-language degree programs in which students can graduate after taking courses exclusively in English at around fifteen of our current undergraduate departments. In about three years, we will also establish a new international faculty where students can engage in academic pursuits that transcend the boundaries between the arts and sciences.

As for our graduate schools, we will advance the university's internationalization by, among other things, promoting the Tokyo Global Partner Scholarship Program, establishing master's programs in multiple fields that can be completed entirely in English, and examining the introduction of a double degree program.

Promotion of Lifelong Learning

Now in its seventh year, Tokyo Metropolitan University Premium College provides an educational program (maximum four years) that features a main course, a major course, and a research student course. As a place for systematic senior learning and interaction, the college attracts many highly motivated individuals and demonstrates that life is enriched by continuing to learn.

Meanwhile, Tokyo Metropolitan University Open University offers a range of lectures on a variety of subjects that are of interest to people, as well as lectures for high school students by taking full advantage of online learning. Through these programs, we will strongly promote learning among all generations.

OHASHI Takaya
President
Tokyo Metropolitan University

Faculties

Faculty of Humanities and Social Sciences	Department of Human and Social Sciences, Department of Humanities
Faculty of Law	Department of Law
Faculty of Economics and Business Administration	Department of Economics and Business Administration
Faculty of Science	Department of Mathematical Sciences, Department of Physics, Department of Chemistry, Department of Biological Sciences
Faculty of Urban Environmental Sciences	Department of Geography, Department of Civil and Environmental Engineering, Department of Architecture, Department of Applied Chemistry for Environment, Department of Tourism Science, Department of Urban Science and Policy
Faculty of Systems Design	Department of Computer Science, Department of Electrical and Electronic Engineering, Department of Mechanical Systems Engineering, Department of Aeronautics and Astronautics, Department of Industrial Art
Faculty of Health Sciences	Department of Nursing Sciences, Department of Physical Therapy, Department of Occupational Therapy, Department of Radiological Sciences

Graduate Program

Graduate Program of Midwifery

Graduate Schools

Graduate School of Humanities	Department of Behavioral Social Sciences, Department of Human Sciences, Department of Philosophy, History and Cultural Studies, Department of Intercultural Studies
Graduate School of Law and Politics	Department of Law and Politics, Law School
Graduate School of Management	Department of Management
Graduate School of Science	Department of Mathematical Sciences, Department of Physics, Department of Chemistry, Department of Biological Sciences
Graduate School of Urban Environmental Sciences	Department of Geography, Department of Civil and Environmental Engineering, Department of Architecture and Building Engineering, Department of Applied Chemistry for Environment, Department of Tourism Science, Department of Urban Science and Policy
Graduate School of Systems Design	Department of Computer Science, Department of Electrical and Electronic Engineering*, Department of Mechanical Systems Engineering, Department of Aeronautics and Astronautics, Department of Industrial Art
Graduate School of Human Health Sciences	Department of Nursing Sciences, Department of Physical Therapy, Department of Occupational Therapy, Department of Radiological Sciences, Department of Frontier Health Sciences, Department of Health Promotion Sciences

*The name will be effective from April 2026

Number of Students (as of May 1, 2025)

Undergraduate: 6,935; Graduate Program: 10; Graduate School: 2,198

Number of Faculty (as of May 1, 2025)

Professors: 286; Associate Professors: 223; Assistant Professors: 128; Research Associates: 1

Topics

The Tokyo Center for Excellence (Chi no Miyako) Project Launch

Tokyo Metropolitan University launched the Tokyo Center for Excellence (Chi no Miyako) Project in AY2024 to vigorously advance research by hiring outstanding young researchers and providing them with a research environment in which they can work freely and independently.

The project offers assistant professorships with no restrictions on the candidates' fields of study, and is open to all early-career researchers, including those in the humanities, social sciences and natural sciences. Anyone with a doctorate at the time of hiring is eligible to apply, including those expected to obtain one by the hiring date.

After their appointment, these new assistant professors will be affiliated with one of TMU's undergraduate faculties, graduate schools, centers or other organizations, but will be free to pursue their research interests, since there are no restrictions on the nature of their research. Holidays, leave, salary and allowances, eligibility for the discretionary labor system, and other employment conditions for these researchers are basically the same as those for other full-time faculty members. The greatest difference is that, in principle, their duties are limited to research. However, those who wish to engage in educational activities for their future career path can take a course (equivalent to one lecture, seminar or other class per week) after consultation with their affiliated department, etc. Each researcher will receive around 500,000 yen in basic research funding, and additional research funding is provided as well. We also encourage researchers to conduct research activities at universities or research institutes outside Japan for one year of their term, and we will provide support equivalent to their overseas travel and living expenses.

Advanced Institute of Industrial Technology

CHECK!

Our Missions

The Advanced Institute of Industrial Technology (AIIT) opened in April 2006 with three missions: to nurture the highly specialized professionals who play key roles in the development of industrial technology in the capital city of Tokyo; to contribute to society by spreading knowledge to every corner of Tokyo; and to promote practical problem-solving research and development.

Promoting Recurrent Education

Due to the high need for recurrent education and reskilling, working adults make up more than 80 percent of Advanced Institute of Industrial Technology (AIIT) students. They come from diverse backgrounds, including employees from major firms and budding startup founders. AIIT also provides working adults with a number of systems to advance their learning. This includes our DX education system, AIIT Academic Credit Bank System, long-term study system, October admissions system, and HyFlex (Hybrid-Flexible) classes.

AIIT's School of Industrial Technology has established three graduate-level courses. The first is the Business Systems Design Engineering course, which trains students to create new industries through entrepreneurship, business startups and business succession. The second is the Information Systems Architecture course, which trains a variety of advanced IT specialists capable of achieving success in the upstream processes of information systems development. The third is the Innovation for Design and Engineering course, which cultivates innovators able to integrate aesthetics and function. These courses offer curriculums that confer a professional degree of Master of Technology in Business Systems Design Engineering, Master of Technology in Information Systems, and Master of Technology in Innovation for Design and Engineering, respectively.

Promoting Practical Problem-Solving Research and Development

We have several research institutes dedicated to a wide range of fields that include IT, service science, AI, technology management, medical and welfare information, and social science. Each institute is pursuing practical problem-solving research and development dedicated to solving social/urban problems and/or creating value. They are also working to disseminate knowledge through research presentations in Japan and abroad as well as to promote its social implementation.

Training to Help Seniors with Startups and Establishing Businesses

Building on the results of our Ministry of Education, Culture, Sports, Science and Technology (MEXT)-supported advanced talent development program, we started Tokyo Tech Innovation Program in AY2022, with the support of the Tokyo Metropolitan Government.

This program is designed to train seniors to start and develop businesses that are free from geographic restrictions by using IT and design engineering to increase productivity and add value.

Global Activities

We train global talent in our capacity as the secretariat of the Asia Professional Education Network (APEN), which encompasses universities from ten ASEAN members as well as Japan, China, South Korea and India.

In AY2024, we organized the APEN (Asia Professional Education Network) workshop and Board of Directors meeting in Indonesia in an effort to promote education and research collaboration in Asia.

Graduate school

Industrial Technology Graduate Course
Master's program of technology
Business Systems Design Engineering Course
Information Systems Architecture Course
Innovation for Design and Engineering Course

Number of students (as of May 1, 2025)

237

Number of faculty (as of May 1, 2025)

Professors: 18
Associate Professors: 2
Assistant Professors: 8

HASHIMOTO Hiroshi
President
Advanced Institute of Industrial Technology

Topics

AIIT Digital Technology Skill Enhancement Course

We launched the AIIT Digital Technology Skill Enhancement Course as a program to cultivate talented people who can use digital technology properly.

The course is designed to help beginners get hands-on with digital tools to acquire the digital space design skills needed in the metaverse era. Participants can try their hands at using digital technology to develop new business models and services that integrate spatial design with digital technology. For this reason, the course has many applicants and highly satisfied graduates.

Tokyo Metropolitan College of Industrial Technology

CHECK!

About *Kosen* (Technical Colleges)

The Tokyo Metropolitan College of Technology and Tokyo Metropolitan College of Aeronautical Engineering were established in December 1962 as public technical colleges alongside national technical colleges. This was in response to industry's insistent requests for trained technicians who could drive the greater scientific and technical progress Japan needed to sustain the remarkable economic growth the country began in the 1950s. In 2022, Japan's Institutes of Technology (*Kosen*) system reached its 60th anniversary, and the system now encompasses 58 schools, including 51 national, 3 public, and 4 private institutes. Students who graduate after completing a regular course at these schools receive an associate degree, and those who complete the two-year advanced course after that can acquire a bachelor's degree in engineering by undergoing a National Institution for Academic Degrees and Quality Enhancement of Higher Education review.

Engineer Development at TMCIT

The Tokyo Metropolitan College of Industrial Technology (TMCIT) was established in 2006 through a constructive integration of the aforementioned two technical colleges in response to the increasing sophistication and complexity of science and technology. TMCIT's overall goal is to develop practical engineers possessing high levels of expertise through eight unique educational courses. We have a mission "upbringing of manufacturing specialist contributing to industrial development and problem solution of capital Tokyo," and have received high praise from industry for our integrated practical education.

However, as science and technology continue to advance and industry rapidly becomes more sophisticated and borderless, demand is growing for core engineers with high levels of specialized knowledge and skills who can succeed on an international stage. TMCIT is responding to this situation as Tokyo's higher education institute of integrated *monozukuri* education through various initiatives to develop engineers capable of specifically meeting the needs of Tokyo and of industry.

Developing the Engineers Who Will Lead Japan's New *Monozukuri*

One of our campus-wide initiatives is driving quality assurance through the continuous improvement of our internationally accepted engineer educational program. To help our graduates take their first confident step into active roles in the world, we offer a variety of international exchange programs and overseas experience programs. Furthermore, we launched Chidou Keikaku in AY2023, a startup education support program designed to give students an opportunity to experience entrepreneurship and foster the entrepreneurial spirit.

To take advantage of the features of our courses, in AY2016 we started two practical engineer development programs to respond to the strong demands of industry: the Focus Program on Computer Security (Shinagawa Campus) and the Focus Program on Aeronautical Engineering (Arakawa Campus). Several dozen students have completed each of these programs and are finding success at information security firms, aviation-related companies, and other employers.

In AY2021, we established two new courses at the Shinagawa Campus. The first is the AI and Smart Engineering Program, where students learn digital *monozukuri*, which actively uses computer and AI technologies. The second is the Information Systems Program, which develops the engineers who will lay the foundation for the information industry's future. That same year, the Arakawa Campus launched a Medicine Engineering Cooperative Education and Research project, which is designed to develop engineers who will enable the integration of the medical and engineering fields.

In AY2025, we heavily revised the curriculum of our Electrical and Electronics Engineering Program, renaming it the Electrical, Electronic and Energy Engineering Program. The program will develop "green" digital engineers who will ceaselessly take on the challenge of technological innovation to develop and sustain society, with the goal of realizing the Zero Emission Tokyo Strategy.

By steadily advancing such initiatives, we will continue to contribute to society by developing engineers who will drive Japan's new *monozukuri* through various developments and changes.

Regular and advanced courses

Regular course (*Monozukuri* Engineering Department)
Advanced innovative engineering course

Number of students (as of May 1, 2025)

Regular courses: 1,584
Advanced courses: 68

Number of faculty (as of May 1, 2025)

Professors: 56
Associate Professors: 53
Assistant Professors: 12

YOSHIZAWA Masasumi
President
Tokyo Metropolitan College of Industrial Technology

Topics

TMCIT Shinagawa Campus Team Technology Shichifukujin Won the Grand Prize at DCON2024

On May 11, 2024, a team from the TMCIT Shinagawa Campus won the Grand Prize at DCON2024, the fifth National College of Technology Deep Learning Contest. The team, Technology Shichifukujin, also won three corporate prizes: the Access Net Award, the SAKURA Internet Award, and the SoftBank Award.

DCON is a contest in which technical college students use their *monozukuri* skills and deep learning to create projects that are evaluated based on their business potential. This year's contest had 72 teams from 31 technical colleges competing.

Technology Shichifukujin's award-winning product is called Fraud Shield AI. This AI detects scam calls in real time, displays the likelihood of fraud over time, and provides audible alerts to users before they fall victim to scams.

History

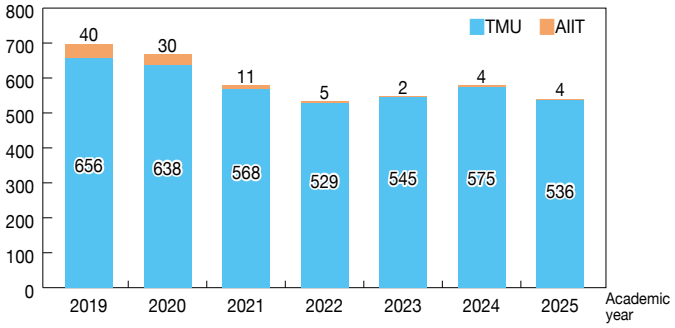
- 2005 March — Incorporation approved
- April — Public University Corporation Tokyo Metropolitan University established; Tokyo Metropolitan University opens
- June — Tokyo Metropolitan Assembly votes to change articles of incorporation in conjunction with the Advanced Institute of Industrial Technology's establishment
- December — Changes to articles of incorporation approved
- 2006 April — Revised articles of incorporation enacted; Advanced Institute of Industrial Technology and Tokyo Metropolitan College of Industrial Technology established
- 2007 October — Tokyo Metropolitan Assembly votes to change articles of incorporation in conjunction with a change in ownership of Tokyo Metropolitan College of Industrial Technology
- 2008 February — Changes to articles of incorporation approved
- April — Revised articles of incorporation enacted; control of Tokyo Metropolitan College of Industrial Technology transferred
- 2019 March — Tokyo Metropolitan Assembly votes to change articles of incorporation in conjunction with changes to the names of Public University Corporation Tokyo Metropolitan University, Tokyo Metropolitan University, and Advanced Institute of Industrial Technology
- June — Changes to articles of incorporation approved
- 2020 April — Enacting the altered articles of incorporation, name changes from Public University Corporation Tokyo Metropolitan University to Tokyo Metropolitan Public University Corporation; the Japanese names of Tokyo Metropolitan University and the Tokyo Metropolitan College of Industrial Technology were also changed.

Data

Fiscal 2024 budget and financial results (Unit: million yen)

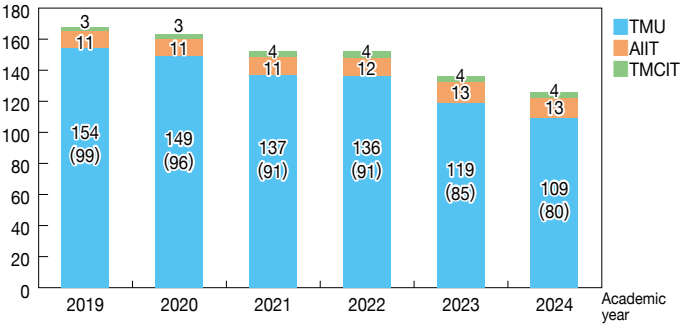
Category	Budget	Actual	Difference (Actual - Budget)
Income			
Operating expense grants	22,209	22,152	-57
Facilities expense subsidies	4,471	4,422	-49
Self-generated income	4,728	3,958	-770
Income from tuition and admission and entrance exam fees	3,812	3,629	-183
Other income	916	329	-587
External funds	1,737	2,850	1,113
Liquidation of appropriated surplus	1,434	1,335	-99
Liquidation of reserve fund for efficiency promotion expenses	8	605	598
Total	34,587	35,324	737
Expenditures			
Operating expenses	28,379	27,018	-1,361
Education and research expenses	21,502	20,011	-1,491
Administrative expenses	6,877	7,007	130
Facilities maintenance expenses	4,471	4,422	-49
Externally funded research expenses	1,737	2,801	1,064
Total	34,587	34,241	-346
Income - Expenditures	-	1,083	1,083

Number of international students



Note: As of May 1 for each academic year

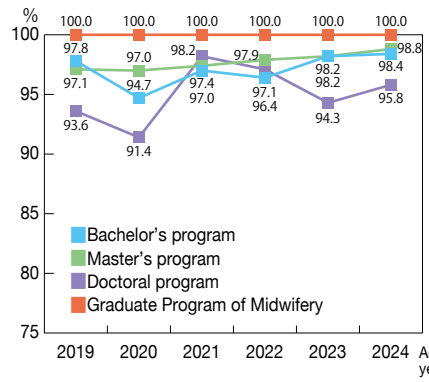
Number of international agreements (entire university)



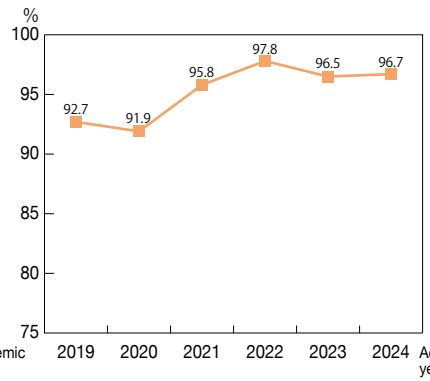
Notes: 1. As of March 31 for each academic year
2. The numbers in parentheses for TMU are the numbers of schools

Employment rate

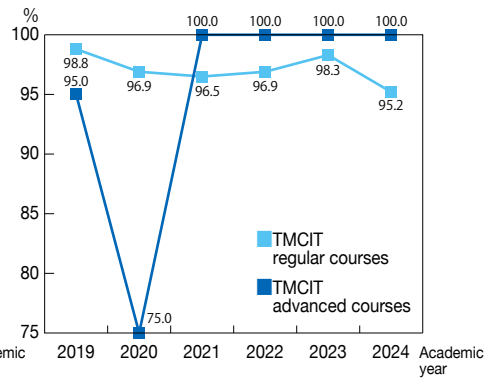
TMU



AIIT

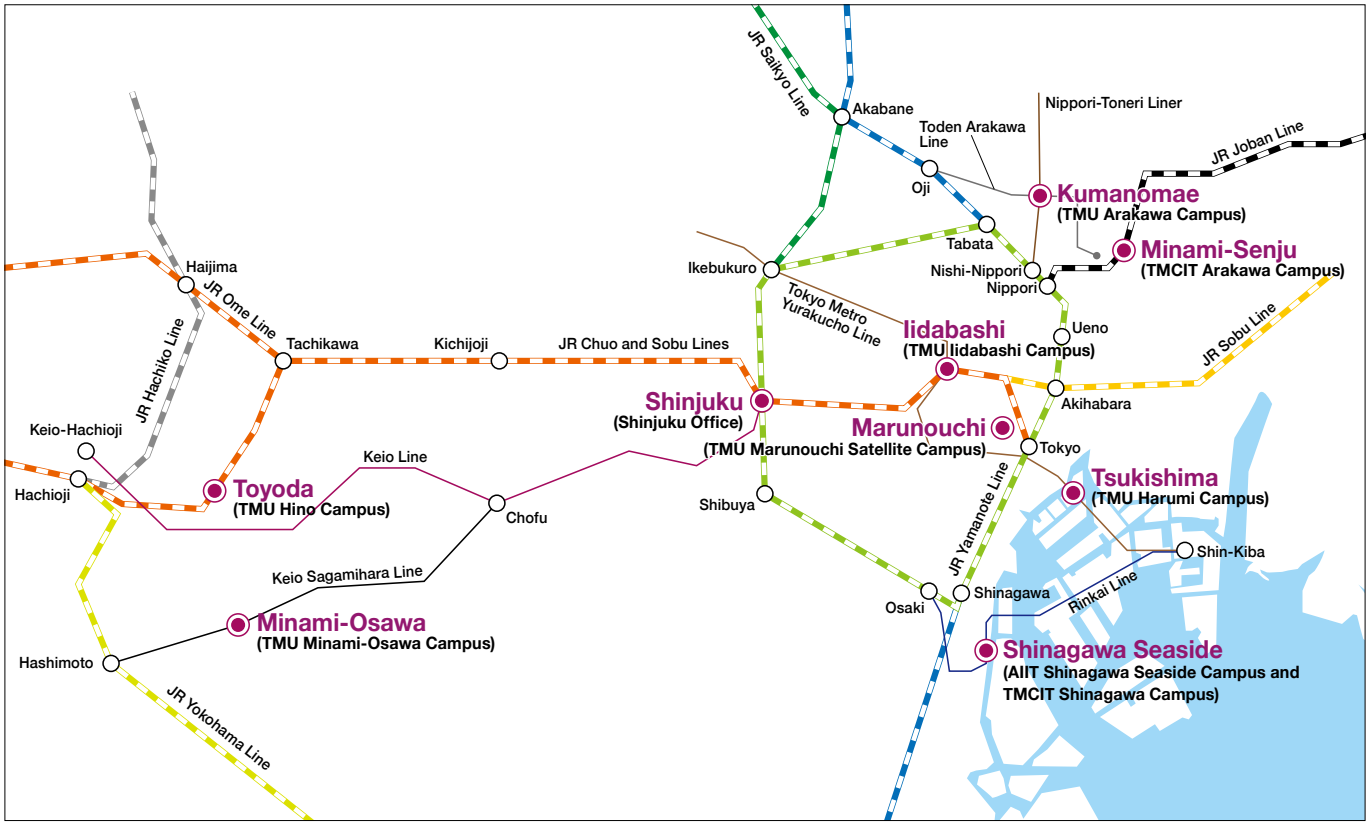


TMCIT



Note: Excludes the Law School

Access guide



For more information

Section	Contact number	Remarks
Management & Planning Office	03-5990-5389	General information about Tokyo Metropolitan Public University Corporation
Tokyo Metropolitan University		
Minami-Osawa Campus	042-677-1111 (main switchboard)	Information about TMU's Faculty of Humanities and Social Sciences, Faculty of Law, Faculty of Economics and Business Administration, Faculty of Science, and Faculty of Urban Environmental Sciences, and TMU Premium College
Hino Campus	042-585-8606 (main switchboard)	Information about TMU's Faculty of Systems Design
Arakawa Campus	03-3819-1211 (main switchboard)	Information about TMU's Faculty of Health Sciences
Harumi Campus	03-3536-7756	Information about TMU's Graduate School of Law and Politics
Marunouchi Satellite Campus	03-6268-0521	Information about TMU's Graduate School of Management
Iidabashi Campus	03-3288-1050	Information about TMU's Open University
Advanced Institute of Industrial Technology		
Shinagawa Seaside Campus	03-3472-7831	Information about the Advanced Institute of Industrial Technology
Tokyo Metropolitan College of Industrial Technology		
Shinagawa Campus	03-3471-6331	Information about Tokyo Metropolitan College of Industrial Technology
Arakawa Campus	03-3801-0145	Information about Tokyo Metropolitan College of Industrial Technology
Industry-Academia-Public Collaboration Center	042-677-2729	Information about Industry-Academia-Public Collaboration

Published: October 2025
Publisher: Tokyo Metropolitan Public University Corporation
Management & Planning Office