

Academic Year 2019

Tokyo Metropolitan University

Graduate School of Systems Design

Application Instructions
(Doctoral Course)

Summer and Winter Applications

- General Selection
- Special Selection for Working Adults
- Special Selection for International Students



TOKYO METROPOLITAN UNIVERSITY

首都大学東京

The summer and winter applications have different schedules, etc., so please check carefully when applying.

Graduate School of Systems Design

Admissions Policy (excerpt)

The world has already embarked on the fourth industrial revolution. Companies and organizations involved with manufacturing and various services around the world are linked by the Internet and satellite communications, employing artificial intelligence and producing unprecedented value with an emphasis on personal preferences, and striving to broadly improve productivity and convenience. To respond to these kinds of dynamic changes in industrial structures, the Graduate School of Systems Design trains students to be international researchers or technicians with the skills universally considered necessary in conventional engineering to analyze underlying technologies, as well as the capability to comprehend entire products and services as systems and design and to develop comprehensive, interdisciplinary systems that emphasize a fusion of function and sensibilities. To this end, five departments in our graduate school emphasize mutual coordination, undertaking research and training meant to confer sophisticated expertise in specialized fields along with practical skills and creativity, and build on this foundation to cultivate the skills to identify and solve problems. We seek people who can undertake efforts at self-improvement in line with these educational goals, with enthusiasm for cutting-edge research and development as well as self-expression.

Department of Computer Science

1. Philosophy

The Department of Computer Science's goal is to train students who can develop new theories that will contribute to the progress of information science and technologies that will sustain the information society, based on advanced expertise and skills related to information science and suitable international communication skills.

2. Students we seek are:

- (1) People who have thoroughly acquired specialized expertise and skills in advanced information science,
- (2) People who have the enthusiasm to work independently on creating new information processing and communication technologies as well as systems technologies that will form the basis for them, and
- (3) People who possess the communication skills to be active internationally.

3. Skills required for applicants are:

- (1) Profound, specialized expertise and sophisticated skills related to information science,
- (2) The ability to independently identify and solve issues, and
- (3) The foreign language skills required to carry out research and technical development in information science from an international perspective.

Department of Electrical Engineering and Computer Science

1. Philosophy

We train researchers and technicians with the sophisticated skills to identify and solve problems, along with a high-level sense of ethics and sense of mission combined with creativity. Through sophisticated advanced specialized educational courses and themed research in the electrical engineering and computer science fields, we train them to develop comprehensive expertise about information systems and electrical and electronic communications systems technologies in a practical manner.

2. Students we seek are:

People with a sense of mission about the research roles they will pursue in the electrical engineering and computer science fields and who can produce outstanding academic results in those fields.

3. Skills required for applicants are:

- (1) Profound, specialized expertise related to their preferred field,

- (2) Specialized expertise related to information systems and electrical and electronic communications systems technologies and knowledge not just of their field of specialization, but also of a wide range of areas,
- (3) The ability to independently develop trailblazing research topics, and skills to resolve problems, and
- (4) Enthusiasm to take on research with a sense of mission and to contribute to society and the environment through technical development.

Department of Mechanical Systems Engineering

1. Philosophy

The Department of Mechanical Systems Engineering has the goal of training technicians and researchers with a high degree of creativity and outstanding practical skills necessary to handle both interdisciplinary and unexplored fields. Training is based on advanced mechanical systems engineering that gives consideration to human comfort and safety in urban life and global environmental and social sustainability.

2. Students we seek are:

The following types of students with a sense of mission about the research roles they will pursue in the mechanical systems engineering field and who can produce outstanding academic results in this field:

- (1) People who want to delve deeper into intelligent mechanical systems research fields, including mechanical controls, mechatronics, service information, and robotics,
- (2) People who want to delve deeper into research fields that involve creating nano- and micro-machines, and
- (3) People who want to delve deeper into biomechanical systems research fields, including regenerative medical engineering, biomedical engineering, biomaterials, ergonomics, and welfare engineering.

3. Skills required for applicants are:

- (1) Profound, specialized expertise related to their preferred field,
- (2) Skills to contribute to the advancement of science through mechanical systems engineering research, and
- (3) The ability to independently develop pioneering research topics in their preferred field (or across fields), and the skills to resolve problems.

Department of Aeronautics and Astronautics

1. Philosophy

Aerospace systems are the fruits of comprehensive cutting-edge engineering including aircraft, rockets, and artificial satellites, and they have become basic technologies that sustain transportation, data communications, weather forecasting, and other aspects of contemporary society. The goal of the Department of Aeronautics and Astronautics is to train outstanding researchers and technicians with the abundant practical skills and broad vision to pursue further advancement of the aerospace engineering field, and of course to develop next-generation scientific technologies.

2. Students we seek are:

The following types of students with a sense of mission about the roles they will pursue in various specialized aerospace engineering research fields and who can produce outstanding academic results in these fields:

- (1) People who have a mastery of advanced aerospace engineering and academic and research skills, equivalent to a master's degree, sufficient to be able to produce excellent research results,
- (2) People who have logical thinking skills related to the natural sciences and the ability to express themselves, and the flexible insight to be able to devise new theories, and
- (3) People who can independently cooperate with others who have different ways of thinking.

3. Skills required for applicants are:

- (1) Profound, specialized expertise related to their preferred field,
- (2) Outstanding skills to contribute to the advancement of science through aerospace engineering research activities, and
- (3) A broad vision that extends across disciplines, and the ability to independently set up pioneering

research topics in their preferred field, as well as outstanding skills to resolve problems.

Department of Industrial Art

1. Philosophy

There is a strong need for creators with innovative, creative abilities who can readily respond to contemporary society's drastic changes, changing values, and waves of technological innovations, and who have the flexibility to be in the forefront of the times. To respond to these social needs, our department trains people with an international perspective who can research, create, develop, and implement new design approaches, concepts, and models, while at the same time developing them as pioneers with the ingenuity to lead the change of society's frameworks.

2. Students we seek are:

- (1) People who have a sense of mission about creatively taking on the challenges of the world's cutting-edge issues with regard to product design and media arts, and
- (2) People who are highly attuned to perceiving relations between humans, the environment, physical objects, information, and systems, and who have the insight and skills to create new concepts based on those relations.

3. Skills required of applicants are:

- (1) Profound, specialized expertise related to their preferred field,
- (2) The skills to contribute to the advancement of science through design science research, and
- (3) The ability to independently develop pioneering research topics in their preferred field (or across fields), and the skills to resolve problems.

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Points to Note Concerning Applications

(I) Notice regarding the long-term study system

The Graduate School of Systems Design has adopted a long-term study system. For details, please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University before applying.

General Selection

Tokyo Metropolitan University (TMU) Graduate School of Systems Design Doctoral Course General Selection

1. Departments recruiting students and numbers of students accepted

Department	Field / Area	The numbers of students to be accepted	
		Summer application	Winter application
Department of Computer Science	- Big Data and Data Mining - Artificial Intelligence and Natural Language Processing - Social Computing and Multimedia	6	Several (numbers not determined)
Department of Electrical Engineering and Computer Science	- Computer Networks and Systems - Telecommunications and Sensing Systems - Electrical Engineering	6	Several (numbers not determined)
Department of Mechanical Systems Engineering	- Intelligent Mechanical Systems - Mechanical Innovation - Biomechanical Engineering	6	Several (numbers not determined)
Department of Aeronautics and Astronautics	- Aerodynamics and Fluid Dynamics - Propulsion Systems - Materials and Structures - Guidance, Control and Dynamics - Systems Design Engineering - Space Utilization Technology	4	Several (numbers not determined)
Department of Industrial Art	- Product Design - Media Origination	4	Several (numbers not determined)

Note: Pages 26 to 33 of these guidelines contain information about research content and prospective faculty supervisors.

You should decide on your preferred areas of research after contacting your preferred faculty supervisors and thoroughly familiarizing yourself with the details of their research.

Failure to make contact may mean that your application will not be accepted or that you may not be able to undergo a preliminary review of application qualifications.

2. Application qualifications

(1) Application qualifications

Anyone to whom any of the following applies is eligible. **However, anyone to whom (b), (c), (d), (e), or (f) applies should see “(2) Preliminary review of application qualifications” on the following page.**

- (a) Anyone who possesses a master's degree or professional degree (a professional degree as stipulated in article 5-2 of the degree rules [Ministry of Education ordinance number 9 of 1953] based on article 104, clause 1 of the School Education Act; the same applies below) or expects to obtain such by March 31, 2019

(Note, however, that for students who expect to complete their degree course in March 2019, but who will have been enrolled in school for fewer than two years as of the end of that month, only

winter applications will be permitted.)

- (b) Anyone awarded a degree in a foreign country that is equivalent to a master's degree or professional degree or who expects such a degree to be awarded by March 31, 2019
- (c) Anyone who completed a correspondence course in Japan conducted by an overseas school and was awarded a degree equivalent to a master's degree or professional degree or who expects such a degree to be awarded by March 31, 2019
- (d) Anyone who completed a graduate course at an educational institution in Japan that is considered in a foreign country to have an official graduate course in accordance with the educational system of that country and which has been specified by the Minister of Education, Culture, Sports, Science and Technology (MEXT minister) of Japan, and who was awarded a degree equivalent to a master's degree or professional degree or who expects such a degree to be awarded by March 31, 2019
- (e) Anyone specified by the MEXT minister (1989 Ministry of Education notice number 118)
- (f) Anyone this graduate school deems by means of individual admission qualification examinations as having academic skills that are equal to or better than that of a holder of a master's degree or professional degree, and who is 24 years of age or older as of April 1, 2019.

(2) Preliminary review of application qualifications

Preliminary review of application qualifications will be conducted for all applicants who apply under the application qualifications (b) through (f) above. Please **send the following application documents by simple registered mail** to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University. For documents that are not in either Japanese or English, please attach translations (in either Japanese or English).

Please note that if you submit a transcript, etc., when applying for the preliminary review of application qualifications, there is no need to submit it again when applying for admission if there are no additions to the content, etc.

A. Application documents

- Application for preliminary review of application qualifications (designated form: page 34)
- Certificate of completion (graduation) from last school attended (original)
- Transcript from last school attended (original)
- Research achievement report (designated form: page 35)
- Self-addressed stamped envelope for notification of the review result
Self-addressed envelope (120 mm × 235 mm) bearing your name, address, and postal code, with 362 JPY (82 + 280 JPY expedited mail fee) in postage affixed

B. Application periods (**Be sure to send documents by simple registered mail. No other submission methods are permitted.**)

Summer applications: Must arrive by Monday, June 11, 2018

Winter applications: Must arrive by Friday, November 30, 2018

Please **write "Preliminary review of application qualifications" in red in a blank space on the envelope.**

Please be aware that we will bear no responsibility for delayed delivery or undelivered items due to postal conditions.

C. Notification of the review results

Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University if notice of the review result has not been delivered by one week before the first day of the admission application period.

(3) Applications from people who seek special consideration for the entrance exam and during studies

- People who seek special consideration for the entrance exam and during studies due to physical disabilities or the like should contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University

between Monday, May 28 and Friday, June 1, 2018 by 5:00 p.m. for summer applications and between Monday, November 5 and Friday, November 9, 2018 by 5:00 p.m. for winter applications.

- People who reside overseas and would like to use the Internet for an oral interview should inform their preferred faculty supervisor by Monday, June 11, 2018 for summer applications and by Friday, November 30, 2018 for winter applications.

3. Application periods and procedures

Please mail application documents to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University as follows.

Summer applications: From Monday, July 2 to Thursday, July 5, 2018 (must arrive by July 5)

Winter applications: From Friday, January 4 to Monday, January 7, 2019 (must arrive by January 7)

Notes:

1. Applications that arrive before the start of the respective application periods (July 2 and January 4) will also be accepted.
2. Please use the designated envelope and be sure to submit by either simple registered mail or expedited mail. Other submission methods are not allowed.
3. Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University if your entrance exam ticket has not arrived by one week prior to the exam date.

4. Application documents

Application documents	Page	Points to note
Application form (with a set of entrance exam tickets)	36 and 37	<ul style="list-style-type: none"> - Please do not forget to complete the reverse side, too. - Please be sure to write down your desired field/area and preferred faculty supervisor.
Research plan	38	<ul style="list-style-type: none"> - Please submit a summary of approximately five pages of your plans for research after enrolling (research topic, etc.). - Please copy and use the designated form contained in these guidelines.
Research thesis, etc. (other than Department of Industrial Art)	—	<ul style="list-style-type: none"> - Materials necessary for evaluation of your performance, including your research thesis and other documents you have written (if you expect to complete a master's degree program [first part of a doctoral program], an interim report about your thesis or course completion project)
Portfolio or thesis (Department of Industrial Art only)	—	<ul style="list-style-type: none"> - Department of Industrial Art applicants must submit a portfolio or thesis that provides information about the results of studies up to the time of application. Including a summary of your master's thesis or research in your portfolio is also acceptable. - If your portfolio does not fit into the designated envelope, mail it in a separate envelope by the application deadline (writing "Contains Portfolio" in red on the envelope), or deliver it to the Hino Campus Academic & Student Affairs Division. However, please be sure to mail all application materials other than your portfolio in the designated envelope, and enclose a note stating that you have mailed your portfolio separately.
Funds transfer certificate or payment certificate for the entrance exam fee	39	<ul style="list-style-type: none"> - For details about the submission method, please refer to "5. Entrance examination fee payment." - Anyone who has completed a TMU master's degree program in September 2018 or expects to do so by March 2019 and will be applying to a TMU doctoral degree program will receive an exemption from the entrance examination fee.

Transcript*	—	- Must be prepared and sealed in an envelope by the president or graduate school dean of the school you attended (original)
Certificate of course completion, etc.*	—	- If the application qualifications (a) through (d) in 2-(1) above apply, please submit a certificate of master's degree (first part of doctoral degree) course completion (or expected completion) or a certificate of awarding of degree (or expected awarding) (original). - If the application qualification (e) or (f) in 2-(1) above applies, please submit a graduation certificate from your undergraduate course, etc. (original).
Certificate of items listed in residence record	—	- For students of foreign nationality only , please complete and submit a certificate of items listed in the residence record issued by your municipality's mayor. (If you have not completed a resident registration, please submit a copy of your passport or other document that can provide official proof of your identity.)
Two self-addressed stamped envelopes	Attachment	- Please write your name, return address, and postal code on the designated TMU envelopes. A. Envelope for mailing entrance exam ticket Please affix 532 JPY postage (92 + 280 JPY expedited delivery fee + 160 JPY acceptance recorded mail fee) B. Envelope for notification of acceptance or rejection Please affix 532 JPY postage (92 + 280 JPY expedited delivery fee + 160 JPY acceptance recorded mail fee)
Permission to take entrance exam issued by current graduate school	—	- If you are currently enrolled in another graduate school, please submit permission to take the entrance examination (format not prescribed) issued by the university at which you are enrolled.
Address sticker	Attachment	- Please write your name, return address, and postal code on the sticker attached to these guidelines. (These are used to send enrollment procedure documents to successful applicants in or after January 2019.)

Note: Please attach a translation (in either Japanese or English) for all application materials that are not in Japanese or English.

Please specify the name and contact information of the translator. It is also acceptable to do the translation yourself.

However, for research theses, etc., please attach a Japanese translation for the title only.

*Applicants **currently enrolled** at TMU's Graduate School of Systems Design or the Graduate School of Science and Engineering's Department of Mechanical Engineering or Department of Electrical and Electronic Engineering do not need to submit documents marked with an asterisk (*).

5. Entrance examination fee payment

(1) Paying at a financial institution using a funds transfer form

- Please use the funds transfer form attached to these guidelines to pay the exam fee at a financial institution, excluding post offices (Japan Post Bank). **(Please do not transfer funds from an ATM. Also, it is advisable to check the business hours of the financial institution well in advance.)**
- Fund transfers can be made at financial institutions nationwide (transfer fees are not incurred at Mizuho Bank).
- **Please affix the funds transfer certificate (original) stamped with the bank's receipt stamp to the attached form on page 39** and submit it.

(2) Payments via the web (the E-shiharai website)

- Please refer to the attached document about the Graduate School of Systems Design entrance

examination fee payment methods for details.

- After applying in advance on the E-shiharai site (<https://e-shiharai.net/>), please make payment at a convenience store or ATM that can accept Pay-easy, via Internet banking, with a credit card, or via Alipay or UnionPay international settlement. (For those paying from outside Japan, the only options are a credit card or Alipay/UnionPay.) Note that you will be responsible for paying any funds transfer fees.

(a) Payments via Japanese-language sites

After paying, please detach the payment certificate (収納証明書) from the detailed statement (入学検定料・選考料 取扱明細書), affix it to the attached form on page 39 of these guidelines, and submit it.

(b) Payments via English-language sites

After paying, please submit a printout of the “Result Page” along with your application documents.

	Payment deadlines
Summer applications	June 4 (Monday) to July 5 (Thursday), 2018
Winter applications	December 3 (Monday), 2018 to January 7 (Monday), 2019

Note: If you have any questions about how to make payment with E-shiharai, please refer to the site’s FAQ page (<https://e-shiharai.net/Syuno/FAQ.html>) or contact the E-Service Support Center.

(3) Entrance examination fee exemptions

- **Anyone who has completed a master’s degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and will be applying to a TMU graduate school doctoral degree program will receive an exemption from the entrance examination fee.**
- In some cases, applicants affected by the March 2011 Tohoku earthquake, the April 2016 Kumamoto earthquake, or the torrential rains that hit northern Kyushu in July 2017 may receive an entrance examination fee exemption. Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University before paying the entrance examination fee.

6. Selection methods

Successful applicants are determined through an evaluation that combines oral examinations, transcripts, research plans, and research theses (portfolios or theses for Department of Industrial Art applicants), among other criteria.

Note that applicants who reside overseas may be permitted to use the Internet for their oral exams if they so wish, following a review. For more information, please refer to “(3) Applications from people who seek special considerations for the entrance exam and during studies” under “2. Application qualifications.”

Points to consider about using the Internet for oral exams

- You will need to ensure an environment in which good audio and video communication conditions are possible at the time TMU designates for the oral exams.
- Problems with the test taker’s communications environment that render it impossible to ensure adequate audio and video may result in treating the exam as missed.

7. Examination dates and items

Summer application

Department	Exam date*1	Exam items	Exam time
Department of Computer Science	Friday, August 10, 2018	Oral exam	Applicants will be notified after applying

Department of Electrical Engineering and Computer Science	Friday, August 10, 2018	Oral exam	
Department of Mechanical Systems Engineering	Friday, August 10, 2018	Oral exam	
Department of Aeronautics and Astronautics	Friday, August 10, 2018	Oral exam	
Department of Industrial Art*2	Friday, August 10, 2018	Oral exam	

*1 There will be a separate date for applicants taking the oral exams over the Internet.

*2 Explanation of the applicant's portfolio or thesis submitted when applying may be requested during the oral exam for the Department of Industrial Art.

Winter application

Department	Exam date*1	Exam items	Exam time
Department of Computer Science	Tuesday, January 22, 2019	Oral exam	Applicants will be notified after applying
Department of Electrical Engineering and Computer Science	Tuesday, January 22, 2019	Oral exam	
Department of Mechanical Systems Engineering	Tuesday, January 22, 2019	Oral exam	
Department of Aeronautics and Astronautics	Tuesday, January 22, 2019	Oral exam	
Department of Industrial Art*2	Tuesday, January 22, 2019	Oral exam	

*1 There will be a separate date for applicants taking the oral exams over the Internet.

*2 Explanation of the applicant's portfolio or thesis submitted when applying may be requested during the oral exam for the Department of Industrial Art.

8. Test venue

Tokyo Metropolitan University Hino Campus (6-6 Asahigaoka, Hino-shi, Tokyo) or a location specified by the graduate school

9. Announcement of successful applicants

Notices will be posted at Building No. 1 on TMU's Hino Campus, and notices will also be mailed to applicants. We are unable to respond to questions about test results by phone, etc.

Summer applications: Friday, August 24, 2018, 10:00 a.m.

Winter applications: Wednesday, January 30, 2019, 10:00 a.m.

A list of successful applicants' entrance exam numbers will also be posted on the Graduate School of Systems Design website (<http://www.sd.tmu.ac.jp/>) for approximately one week (tentatively scheduled for around 11:00 a.m.). Note that the information posted on the website is for reference, so please be sure to check the announcement of successful applicants as noted above or the notice sent by mail.

10. Enrollment period

April 2019

11. Enrollment procedures

Successful applicants (for successful summer applicants, **those who have submitted a pledge of enrollment**) will be separately notified in January 2019 (subject to change). Note that enrollment procedures will take place in March 2019.

12. Other

- (1) Incomplete application documents will not be accepted.
- (2) The entrance exam fee will not be returned once it is paid after receipt of your application, so please make payment after carefully considering your application.

Note: You can request an entrance exam fee refund if you transferred the fee but did not apply, or if you mistakenly transferred it twice. Please mail a document (in a format of your choice) that specifies (a) your reason for requesting a refund, (b) the name of the person who transferred the funds, (c) your current address, and (d) your phone number, and attach the receipt from the financial institution (original only; copies are not allowed), payment certificate (original only; copies are not allowed), or a printout of the “Result Page” (in the case of online payment) to the address shown below. We will send you the required documents. (However, a refund may not be possible in some cases.)

Note that handling fees will be incurred if you wish to have a credit card payment refunded. Mailing address: 1-1 Minami-Osawa, Hachioji-shi, Tokyo 192-0397

Fund Management Section, Accounting Division, General
Affairs Department, Tokyo Metropolitan University
Phone: 042-677-1111, ext. 1045

- (3) If your application qualification becomes invalid after you are granted enrollment permission, the enrollment permission will be revoked.
- (4) Even after enrollment permission has been granted, if irregularities related to application procedures or the entrance examination are recognized, enrollment permission will be revoked.
- (5) **Successful summer applicants** must complete the **pledge of enrollment** mailed together with the acceptance notice and mail it back to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University to arrive by **Friday, September 7, 2018. If the pledge of enrollment is not submitted, the Graduate School of Systems Design will treat it as an intention not to enroll.**
- (6) Please transfer your enrollment fee from a teller window at any financial institution other than a post office. You will be contacted separately regarding the method for transferring the funds.

Enrollment fee:

Tokyo residents: 141,000 JPY (subject to change)

All others: 282,000 JPY (subject to change)

“Tokyo resident” refers to anyone, either that person or that person’s spouse, or other relative of the first degree of kinship, who has had an address in Tokyo continuously from one year prior (April 1, 2018) to the date of enrollment, April 1, 2019. Confirmation will be carried out using a certificate of items listed in the applicant’s residence record (if the applicant resides in Tokyo), or, in other cases, with a certificate of items listed in the residence record of the applicant’s spouse or relative, along with a family register and other documents that clearly disclose the family relationships.

- (7) Regarding the annual tuition of 520,800 JPY (subject to change), half the annual amount is automatically transferred from the registered bank account on respective designated dates for the first and second semesters.
- (8) If enrollment fees or tuition are revised at the time of enrollment or during enrollment, the amounts following the revisions will apply. Note that there are programs that offer exemptions or reductions in enrollment fees or tuition.
- (9) Anyone who has completed a master’s degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and enrolls in a TMU graduate school doctoral degree program will receive an exemption from the enrollment fee.

13. Handling of personal information

Please be aware that Tokyo Metropolitan University handles personal information in accordance with the law, as described below.

- (1) Names, addresses, and other personal information provided to TMU when applying are used to select new students (for processing applications, conducting selection, and announcing successful applicants) and to carry out enrollment procedures.

Furthermore, new students' personal information is used 1) in relation to academic affairs (school register, guidance related to studies, etc.), 2) in relation to student support (health management, employment assistance, tuition reduction or exemption, scholarship applications, etc.), and 3) operations related to collection of tuition.

- (2) Test results used to select new students may be used in the future preparation of new student selection method review materials.

Special Selection for Working Adults

Tokyo Metropolitan University (TMU) Graduate School of Systems Design Doctoral Course Special Selection for Working Adults

1. Overview

- (1) This is for selecting adults who would like to enroll in a TMU graduate school, and is separate from the general student selection examination.
- (2) Students who enroll by means of this selection examination will be treated exactly the same as students who enroll through the general student selection examination.
- (3) Applicants using this selection method must name a faculty supervisor before applying and be sure to contact that person to obtain consent to take the examination.

2. Departments recruiting students and numbers of students accepted

Department	Field / Area	The numbers of students to be accepted	
		Summer application	Winter application
Department of Computer Science	<ul style="list-style-type: none"> - Big Data and Data Mining - Artificial Intelligence and Natural Language Processing - Social Computing and Multimedia 	Several (numbers not determined)	Several (numbers not determined)
Department of Electrical Engineering and Computer Science	<ul style="list-style-type: none"> - Computer Networks and Systems - Telecommunications and Sensing Systems - Electrical Engineering 	Several (numbers not determined)	Several (numbers not determined)
Department of Mechanical Systems Engineering	<ul style="list-style-type: none"> - Intelligent Mechanical Systems - Mechanical Innovation - Biomechanical Engineering 	Several (numbers not determined)	Several (numbers not determined)
Department of Aeronautics and Astronautics	<ul style="list-style-type: none"> - Aerodynamics and Fluid Dynamics - Propulsion Systems - Materials and Structures - Guidance, Control and Dynamics - Systems Design Engineering - Space Utilization Technology 	Several (numbers not determined)	Several (numbers not determined)
Department of Industrial Art	<ul style="list-style-type: none"> - Product Design - Media Origination 	Several (numbers not determined)	Several (numbers not determined)

Note: Information about research content and prospective faculty supervisors is provided on pages 26–33 of these guidelines.

Applicants should be sure to contact their preferred faculty supervisor before applying to obtain consent to take the examination.

(Consent to take the examination is required in written form when applying.)

3. Application qualifications

(1) Application qualifications

Anyone who has worked as a regular staff member in a company, etc.,* for two or more years up to the time of enrollment (or one year or more for those who have completed or expect to complete a master's degree course [including the first part of a doctoral degree course; the same applies below]), who has had outstanding work performance, who wishes to enroll while still working with authorization from a work supervisor, etc., and to whom any of the following applies.

However, anyone to whom (b), (c), (d), (e), or (f) applies should see “(2) Preliminary review of application qualifications.”

- (a) Anyone who possesses a master's degree or professional degree or expects to obtain such by March 31, 2019
- (b) Anyone awarded a degree in a foreign country that is equivalent to a master's degree or professional degree or who expects such a degree will be awarded by March 31, 2019
- (c) Anyone who completed a correspondence course in Japan conducted by an overseas school and was awarded a degree equivalent to a master's degree or professional degree or who expects such a degree will be awarded by March 31, 2019
- (d) Anyone who completed a graduate course at an educational institution in Japan that is considered in a foreign country to have an official graduate course in accordance with the educational system of that country and which has been specified by the Minister of Education, Culture, Sports, Science and Technology (MEXT minister) of Japan, and who was awarded a degree equivalent to a master's degree or professional degree or who expects such a degree to be awarded by March 31, 2019
- (e) Anyone specified by the MEXT minister (1989 Ministry of Education notice number 118)
- (f) Anyone this graduate school deems by means of individual admissions qualifications examinations as having academic skills that are equal to or better than that of a holder of a master's degree or professional degree, and who is 24 years of age or older as of April 1, 2019.

* “Company, etc.” refers to **private-sector companies, government agencies, educational institutions, and research institutions**. Note that “private-sector companies” includes sole proprietors.

(2) Preliminary review of application qualifications

Preliminary review of application qualifications will be conducted for all applicants who apply under the application qualifications (b) through (f) above. Please **send the following application documents by simple registered mail** to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University. For documents that are not in either Japanese or English, please attach translations (in either Japanese or English).

Please note that if you submit a transcript, etc. when applying for the preliminary review of application qualifications, there is no need to submit it again when applying for admission if there are no additions to the content, etc.

A. Application documents

- Application for preliminary review of application qualifications (designated form: page 40)
- Certificate of completion (graduation) from last school attended (original)
- Transcript from last school attended (original)
- Business resume (designated form: page 41)
- Research achievement report (designated form: page 42)
- Self-addressed stamped envelope for notification of the review result
Self-addressed envelope (120 mm × 235 mm) bearing your name, address, and postal code, with 362 JPY (82 + 280 JPY expedited mail fee) in postage affixed

B. Application periods (Be sure to send documents by simple registered mail. No other submission methods are permitted.)

Summer applications: Must arrive by Monday, June 11, 2018

Winter applications: Must arrive by Friday, November 30, 2018

Please **write** "Preliminary review of application qualifications" in red in a blank space on the envelope.

Please be aware that we will bear no responsibility for delayed delivery or undelivered items due to postal conditions.

C. Notification of the review results

Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University if notice of the review result has not been delivered by one week before the first day of the admission application period.

(3) Applications from people who seek special considerations for the entrance exam and during studies

- People who seek special considerations for the entrance exam and during studies due to physical disabilities or the like should contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University between Monday, May 28 and Friday, June 1, 2018 by 5:00 p.m. for summer applications and between Monday, November 5 and Friday, November 9, 2018 by 5:00 p.m. for winter applications.
- People who reside overseas and would like to use the Internet for an oral interview should inform their preferred faculty supervisor by Monday, June 11, 2018 for summer applications and by Friday, November 30, 2018 for winter applications.

4. Application periods and procedures

Please mail application documents to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University as follows.

Summer applications: From Monday, July 2 to Thursday, July 5, 2018 (must arrive by July 5)

Winter applications: From Friday, January 4 to Monday, January 7, 2019 (must arrive by January 7)

Notes:

1. Applications that arrive before the start of the respective application periods (July 2 and January 4) will also be accepted.
2. Please use the designated envelope and be sure to submit by either simple registered mail or expedited mail. Other submission methods are not allowed.
3. Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University if your entrance exam ticket has not arrived by one week prior to the exam date.

5. Application documents

Application documents	Page	Points to note
Application form (with a set of entrance exam tickets)	43 and 44	- Please do not forget to complete the reverse side, too. - Please be sure to write down your desired field/area and preferred faculty supervisor.
Recommendation letter	45	- The letter must be prepared and sealed in an envelope by a work supervisor. However, a sole proprietor can substitute a recommendation letter prepared by a faculty supervisor of a previously attended school or someone who is well-acquainted with the applicant.
Letter providing consent to take the entrance exam	46	- Prepared by the preferred faculty supervisor at this graduate school

Business resume	41	- Please complete the designated form in these guidelines.
Research achievement report	42	- Please complete the designated form in these guidelines.
Research plan	47	- Please submit a summary of approximately five pages of your plans for research after enrolling (research topic). - Please copy and use the designated form contained in these guidelines.
Transcript	—	- Must be prepared and sealed in an envelope by the president or graduate school dean of the school you attended (original)
Certificate of course completion, etc.	—	- If the application qualifications (a) through (d) in 2-(1) above apply, please submit a certificate of master's degree course completion (or expected completion) or a certificate of awarding of degree (or expected awarding) (original). - If the application qualification (e) or (f) in 2-(1) above applies, please submit a graduation certificate from your undergraduate course, etc. (original).
Research thesis, etc. (other than Department of Industrial Art)	—	- Materials that are necessary for evaluation of your performance, including your research thesis and other documents you have written, technical reports, patents, and utility models (if you expect to be completing a master's degree program, an interim report about your master's thesis or course completion project).
Portfolio or thesis (Department of Industrial Art only)	—	- Department of Industrial Art applicants must submit a portfolio or thesis that provides information about the results and achievements of studies, work, etc. up to the time of application. Including a summary of your master's thesis or research in your portfolio is also acceptable. - If your portfolio does not fit into the designated envelope, mail it in a separate envelope by the application deadline (writing "Contains Portfolio" in red on the envelope), or deliver it to the Hino Campus Academic & Student Affairs Division. However, please be sure to mail all application materials other than your portfolio in the designated envelope, and enclose a note stating that you have mailed your portfolio separately.
Funds transfer certificate or payment certificate for the entrance exam fee	48	- For details about the submission method, please refer to "6. Entrance examination fee payment." - Anyone who has completed a master's degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and will be applying to a TMU graduate school doctoral degree program will receive an exemption from the entrance examination fee.
Certificate of items listed in residence record	—	- For students of foreign nationality only , please complete and submit a certificate of items listed in the residence record issued by your municipality's mayor. (If you have not completed a resident registration, please submit a copy of your passport or other document that can provide official proof of your identity.)
Two self-addressed stamped envelopes	Attachment	- Please write your name, return address, and postal code on the designated TMU envelopes. A. Envelope for mailing entrance exam ticket Please affix 532 JPY postage (92 + 280 JPY expedited delivery fee + 160 JPY acceptance recorded mail fee)

		B. Envelope for notification of acceptance or rejection Please affix 532 JPY postage (92 + 280 JPY expedited delivery fee + 160 JPY acceptance recorded mail fee)
Permission to take entrance exam issued by current graduate school	—	- If you are currently enrolled in another graduate school, please submit permission to take the entrance examination (format not prescribed) issued by the university at which you are enrolled.
Address sticker	Attachment	- Please write your name, return address, and postal code on the sticker attached to these guidelines. (These are used to send enrollment procedure documents to successful applicants in or after January 2019.)

Note: Please attach a translation (in either Japanese or English) for all application materials that are not in Japanese or English.

Please specify the name and contact information of the translator. It is also acceptable to do the translation yourself.

However, for research theses, etc., please attach a Japanese translation for the title only.

6. Entrance examination fee payment

(1) Paying at a financial institution using a funds transfer form

- Please use the funds transfer form attached to these guidelines to pay the exam fee at a financial institution, excluding post offices (Japan Post Bank). **(Please do not transfer funds from an ATM. Also, it is advisable to check the business hours of the financial institution well in advance.)**
- Fund transfers can be made at financial institutions nationwide (transfer fees are not incurred at Mizuho Bank).
- **Please affix the funds transfer certificate (original) stamped with the bank's receipt stamp to the attached form on page 48** and submit it.

(2) Payments via the web (the E-shiharai website)

- Please refer to the attached document about the Graduate School of Systems Design entrance examination fee payment methods for details.
- After applying in advance on the E-shiharai site (<https://e-shiharai.net/>), please make payment at a convenience store or ATM that can accept Pay-easy, via Internet banking, with a credit card, or via Alipay or UnionPay international settlement. (For those paying from outside Japan, the only options are a credit card or Alipay/UnionPay.) Note that you will be responsible for paying any funds transfer fees.

(a) Payments via Japanese-language sites

After paying, please detach the payment certificate (収納証明書) from the detailed statement (入学検定料・選考料 取扱明細書), affix it to the attached form on page 48 of these guidelines, and submit it.

(b) Payments via English-language sites

After paying, please submit a printout of the "Result Page" along with your application documents.

	Payment deadlines
Summer applications	June 4 (Monday) to July 5 (Thursday), 2018
Winter applications	December 3 (Monday), 2018 to January 7 (Monday), 2019

Note: If you have any questions about how to make payment with E-shiharai, please refer to the site's FAQ page (<https://e-shiharai.net/Syuno/FAQ.html>) or contact the E-Service Support Center.

(3) Entrance examination fee exemptions

- **Anyone who has completed a master's degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and will be applying to a TMU graduate school doctoral degree program will receive an exemption from the entrance examination**

fee.

- In some cases, applicants affected by the March 2011 Tohoku earthquake, the April 2016 Kumamoto earthquake, or the torrential rains that hit northern Kyushu in July 2017 may receive an entrance examination fee exemption. Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University before paying the entrance examination fee.

7. Selection methods

Successful applicants are determined through an evaluation that combines oral examinations, a business resume, research achievement reports, research plans, research theses (including master's theses or master's course completion project materials; portfolios or theses for Department of Industrial Art applicants), a recommendation letter, transcripts, and a letter providing permission to take the entrance exam, among other criteria.

Note that applicants who reside overseas may be permitted to use the Internet for their oral exams if they so wish, following a review. For more information, please refer to “(3) Applications from people who seek special considerations for the entrance exam and during studies” under “3. Application qualifications.”

Points to consider about using the Internet for oral exams

- You will need to ensure an environment in which good audio and video communication conditions are possible at the time TMU designates for the oral exams.
- Problems with the test taker's communications environment that render it impossible to ensure adequate audio and video may result in treating the exam as missed.

8. Examination dates and items

Summer application

Department	Exam date*1	Exam items	Exam time
Department of Computer Science	Friday, August 10, 2018	Oral exam	Applicants will be notified after applying
Department of Electrical Engineering and Computer Science	Friday, August 10, 2018	Oral exam	
Department of Mechanical Systems Engineering	Friday, August 10, 2018	Oral exam	
Department of Aeronautics and Astronautics	Friday, August 10, 2018	Oral exam	
Department of Industrial Art*2	Friday, August 10, 2018	Oral exam	

*1 There will be a separate date for applicants taking the oral exams over the Internet.

*2 Explanation of the applicant's portfolio or thesis submitted when applying may be requested during the oral exam for the Department of Industrial Art.

Winter application

Department	Exam date*1	Exam items	Exam time
Department of Computer Science	Tuesday, January 22, 2019	Oral exam	Applicants will be notified after applying
Department of Electrical Engineering and Computer Science	Tuesday, January 22, 2019	Oral exam	
Department of Mechanical Systems Engineering	Tuesday, January 22, 2019	Oral exam	

Department of Aeronautics and Astronautics	Tuesday, January 22, 2019	Oral exam	
Department of Industrial Art*2	Tuesday, January 22, 2019	Oral exam	

*1 There will be a separate date for applicants taking the oral exams over the Internet.

*2 Explanation of the applicant's portfolio or thesis submitted when applying may be requested during the oral exam for the Department of Industrial Art.

9. Test venue

Tokyo Metropolitan University Hino Campus (6-6 Asahigaoka, Hino-shi, Tokyo) or a location specified by the graduate school

10. Announcement of successful applicants

Notices will be posted at Building No. 1 on TMU's Hino Campus, and notices will also be mailed to applicants. We are unable to respond to questions about test results by phone, etc.

Summer applications: Friday, August 24, 2018, 10:00 a.m.

Winter applications: Wednesday, January 30, 2019, 10:00 a.m.

A list of successful applicants' entrance exam numbers will also be posted on the Graduate School of Systems Design website (<http://www.sd.tmu.ac.jp/>) for approximately one week (tentatively scheduled for around 11:00 a.m.). Note that the information posted on the website is for reference, so please be sure to check the announcement of successful applicants as noted above or the notice sent by mail.

11. Enrollment period

April 2019

12. Enrollment procedures

Successful applicants (for successful summer applicants, **those who have submitted a pledge of enrollment**) will be separately notified in January 2019 (subject to change). Note that enrollment procedures will take place in March 2019.

13. Other

(1) Incomplete application documents will not be accepted.

(2) The entrance exam fee will not be returned once it is paid after receipt of your application, so please make payment after carefully considering your application.

Note: You can request an entrance exam fee refund if you transferred the fee but did not apply, or if you mistakenly transferred it twice. Please mail a document (in a format of your choice) that specifies (a) your reason for requesting a refund, (b) the name of the person who transferred the funds, (c) your current address, and (d) your phone number, attaching the receipt from the financial institution (original only; copies are not allowed), payment certificate (original only; copies are not allowed), or a printout of the "Result Page" (in the case of online payment) to the address shown below. We will send you the required documents. (However, a refund may not be possible in some cases.)

Note that handling fees will be incurred if you wish to have a credit card payment refunded.

Mailing address: 1-1 Minami-Osawa, Hachioji-shi, Tokyo 192-0397

Fund Management Section, Accounting Division, General Affairs

Department, Tokyo Metropolitan University

Phone: 042-677-1111, ext. 1045

(3) If your application qualification becomes invalid after you are granted enrollment permission, the enrollment permission will be revoked.

(4) Even after enrollment permission has been granted, if irregularities related to application procedures or the entrance examination are recognized, enrollment permission will be revoked.

(5) **Successful summer applicants** must complete the pledge of enrollment mailed together with the acceptance notice and mail it back to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan

University to arrive by **Friday, September 7, 2018. If the pledge of enrollment is not submitted, the Graduate School of Systems Design will treat it as an intention not to enroll.**

- (6) Please transfer your enrollment fee from a teller window at any financial institution other than a post office. You will be contacted separately regarding the method for transferring the funds.

Enrollment fee:

Tokyo residents 141,000 JPY (subject to change)

All others: 282,000 JPY (subject to change)

“Tokyo resident” refers to anyone, either that person or that person’s spouse, or other relative of the first degree of kinship, who has had an address in Tokyo continuously from one year prior (April 1, 2018) to the date of enrollment, April 1, 2019. Confirmation will be carried out using a certificate of items listed in the applicant’s residence record (if the applicant resides in Tokyo), or, in other cases, with a certificate of items listed in the residence record of the applicant’s spouse or relative, along with a family register and other documents that clearly disclose the family relationships.

- (7) Regarding the annual tuition of 520,800 JPY (subject to change), half the annual amount is automatically transferred from the registered bank account on respective designated dates for the first and second semesters.
- (8) If enrollment fees or tuition are revised at the time of enrollment or during enrollment, the amounts following the revisions will apply. Note that there are programs that offer exemptions or reductions in enrollment fees or tuition.
- (9) Anyone who has completed a master’s degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and enrolls in a TMU graduate school doctoral degree program will receive an exemption from the enrollment fee.

14. Handling of personal information

Please be aware that Tokyo Metropolitan University handles personal information in accordance with the law, as described below.

- (1) Names, addresses, and other personal information provided to TMU when applying are used to select new students (for processing applications, conducting selection, and announcing successful applicants) and to carry out enrollment procedures.
Furthermore, new students’ personal information is used 1) in relation to academic affairs (school register, guidance related to studies, etc.), 2) in relation to student support (health management, employment assistance, tuition reduction or exemption, scholarship applications, etc.), and 3) operations related to collection of tuition.
- (2) Test results used to select new students may be used in the future preparation of new student selection method review materials.

Special Selection for International Students

Tokyo Metropolitan University (TMU) Graduate School of Systems Design Doctoral Course Special Selection for International Students

1. Overview

- (1) This is for selecting international students who would like to enroll in a TMU graduate school, and is separate from the general student selection examination.
- (2) Students who enroll by means of this selection examination will be treated exactly the same as students who enroll through the general student selection examination.
- (3) As a general rule, TMU graduate school classes are conducted in Japanese.
- (4) Applicants using this selection method must name a faculty supervisor before applying and be sure to contact that person to obtain consent to take the examination.

2. Departments recruiting students and numbers of students accepted

Department	Field / Area	The number of students to be accepted	
		Summer application	Winter application
Department of Computer Science	<ul style="list-style-type: none"> - Big Data and Data Mining - Artificial Intelligence and Natural Language Processing - Social Computing and Multimedia 	Several (numbers not determined)	Several (numbers not determined)
Department of Electrical Engineering and Computer Science	<ul style="list-style-type: none"> - Computer Networks and Systems - Telecommunications and Sensing Systems - Electrical Engineering 	Several (numbers not determined)	Several (numbers not determined)
Department of Mechanical Systems Engineering	<ul style="list-style-type: none"> - Intelligent Mechanical Systems - Mechanical Innovation - Biomechanical Engineering 	Several (numbers not determined)	Several (numbers not determined)
Department of Aeronautics and Astronautics	<ul style="list-style-type: none"> - Aerodynamics and Fluid Dynamics - Propulsion Systems - Materials and Structures - Guidance, Control and Dynamics - Systems Design Engineering - Space Utilization Technology 	Several (numbers not determined)	Several (numbers not determined)
Department of Industrial Art	<ul style="list-style-type: none"> - Product Design - Media Origination 	Several (numbers not determined)	Several (numbers not determined)

Note: Information about research content and prospective faculty supervisors is provided on pages 26–33 of these guidelines.

Applicants should be sure to contact their preferred faculty supervisor before applying to obtain consent to take the examination.

(Consent to take the examination is required in written form when applying.)

3. Application qualifications

(1) Application qualifications

Applicants who do not possess Japanese nationality (who possess a visa status that is no impediment to university enrollment with regard to the Immigration Control and Refugee Recognition Act or who expect to acquire such status), who are in a state of health in which they

can tolerate a long period of studies abroad, and who fulfill any of the following conditions.

However, anyone to whom (a) or (b) below applies should see “(2) Preliminary review of application qualifications.”

- (a) Anyone who possesses a master’s degree or professional degree or expects to obtain such by March 31, 2019
- (b) Anyone this graduate school deems by means of individual admissions qualifications examinations as having academic skills that are equal to or better than that of a holder of a master’s degree or professional degree, and who is 24 years of age or older as of April 1, 2019
- (c) Japanese Government-funded international students (Monbukagakusho [MEXT] scholarship students) who fulfill the requirements specified in MEXT guidelines

(2) Preliminary review of application qualifications

Preliminary review of application qualifications will be conducted for anyone who applied in accordance with (a) or (b) in (1) above. Please send the following application documents by simple registered mail to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University. For documents that are not in either Japanese or English, please attach translations (in either Japanese or English).

Please note that if you submit a transcript, etc. when applying for the preliminary review of application qualifications, there is no need to submit it again when applying for admission if there are no additions to the content, etc.

A. Application documents

- Application for preliminary review of application qualifications (designated form: page 49)
- Certificate of completion (graduation) from last school attended (original)
- Transcript from last school attended (original)
- Research achievement report (designated form: page 50)
- Self-addressed stamped envelope for notification of the review result

For residents of Japan:

Self-addressed envelope (120 mm × 235 mm) bearing your name, address, and postal code, with 362 JPY (82 + 280 JPY expedited mail fee) in postage affixed

For non-residents of Japan:

Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University.

B. Application periods (Be sure to send documents by simple registered mail. No other submission methods are permitted.)

Summer applications: Must arrive by Monday, June 11, 2018

Winter applications: Must arrive by Friday, November 30, 2018

Please write “Preliminary review of application qualifications” in red in a blank space on the envelope.

Please be aware that we will bear no responsibility for delayed delivery or undelivered items due to postal conditions.

C. Notification of the review results

Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University if notice of the review result has not been delivered by one week before the first day of the admission application period.

(3) Applications from people who seek special considerations for the entrance exam and during studies

- People who seek special considerations for the entrance exam and during studies due to physical disabilities or the like should contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University between Monday, May 28 and Friday, June 1, 2018 by 5:00 p.m. for

summer applications and between Monday, November 5 and Friday, November 9, 2018 by 5:00 p.m. for winter applications.

- People who reside overseas and would like to use the Internet for an oral interview should inform their preferred faculty supervisor by Monday, June 11, 2018 for summer applications and by Friday, December 1, 2018 for winter applications.

4. Application periods and procedures

Please mail application documents to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University as follows.

Summer applications: From Monday, July 2 to Thursday, July 5, 2018 (must arrive by July 5)

Winter applications: From Friday, January 4 to Monday, January 7, 2019 (must arrive by January 7)

Notes:

1. Applications that arrive before the start of the respective application periods (July 2 and January 4) will also be accepted.
2. Please use the designated envelope and be sure to submit by either simple registered mail or expedited mail. Other submission methods are not allowed.
3. Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University if your entrance exam ticket has not arrived by one week prior to the exam date.

5. Application documents

Please complete the application documents legibly in Japanese or English. For documents that are not in either Japanese or English, please attach translations (in either Japanese or English).

Application documents	Page	Points to note
Application form (with a set of entrance exam tickets)	51 and 52	- Please be sure to write down your desired field/area and preferred faculty supervisor.
Recommendation letter	53	- Must be prepared and sealed in an envelope by a faculty supervisor of a previously attended school or someone who is well acquainted with the applicant.
Letter providing consent to take the entrance exam	54	- Prepared by the preferred faculty supervisor at this graduate school
Resume	55	- Please complete the designated form in these guidelines.
Research plan	56	<ul style="list-style-type: none"> Please submit a summary of approximately five pages of your plans for research after enrolling (research topic). Please complete the designated form in these guidelines. The content of your research plan will be an important criterion in the selection process, so you should try to describe it specifically and in detail. Note that your research plan must have a title.
Transcript and certificate of course completion, etc.	—	<ul style="list-style-type: none"> If the application qualification (a) applies in 3-(1) above, please submit a transcript and certificate of master's degree (or first part of doctoral degree; the same applies below) course completion (or expected completion) issued by the institution that granted the degree (original). If the application qualification (b) applies in 3-(1) above, please submit a transcript and a graduation certificate from an undergraduate course, etc. (original). Transcripts are to be prepared and sealed in an envelope by the president or graduate school dean of the school you

		attended (original).
Research thesis, etc. (other than Department of Industrial Art)	—	- Materials that are necessary for evaluation of your performance, including your research thesis and other documents you have written, technical reports, patents, and utility models (if you expect to be completing a master's degree program, an interim report about your master's thesis or course completion project).
Portfolio or thesis (Department of Industrial Art only)	—	- Department of Industrial Art applicants must submit a portfolio or thesis that provides information about the results and achievements of studies, works, etc. up to the time of application. Including a summary of your master's thesis or research in your portfolio is also acceptable. - If your portfolio does not fit into the designated envelope, mail it in a separate envelope by the application deadline (writing "Contains Portfolio" in red on the envelope), or deliver it to the Hino Campus Academic & Student Affairs Division. However, please be sure to mail all application materials other than your portfolio in the designated envelope, and enclose a note stating that you have mailed your portfolio separately.
Funds transfer certificate or payment certificate for the entrance exam fee	57	- For details about the submission method, please refer to the "6. Entrance examination fee payment" section. - Anyone who has completed a master's degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and will be applying to a TMU graduate school doctoral degree program will receive an exemption from the entrance examination fee.
Certificate of items listed in residence record	—	- Please complete and submit a certificate of items listed in the residence record issued by your municipality's mayor. (If you have not completed a resident registration, please submit a copy of your passport or other document that can provide official proof of your identity.)
Two self-addressed stamped envelopes	Attachment	- Please write your name, return address, and postal code on the designated TMU envelopes. For residents of Japan: A. Envelope for mailing entrance exam ticket Please affix 532 JPY postage (92 + 280 JPY expedited delivery fee + 160 JPY acceptance recorded mail fee) B. Envelope for notification of acceptance or rejection Please affix 532 JPY postage (92 + 280 JPY expedited delivery fee + 160 JPY acceptance recorded mail fee) For non-residents of Japan: Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University.
Permission to take entrance exam issued by current graduate school		- If you are currently enrolled in another graduate school, please submit permission to take the entrance examination (format not prescribed) issued by the university at which you are enrolled.
Address sticker	Attachment	- Please write your name, return address, and postal code on the sticker attached to these guidelines. (These are used to send enrollment procedure documents to successful applicants in or after January 2019.)
Application for assistance in obtaining or renewing	Attachment	- Please be sure to submit this if you need to obtain a student visa when enrolling in TMU. If you need to switch your visa status or extend your period of stay, as a general rule this is

a student visa		done separately after enrollment.
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Note: For translations into either Japanese or English, please specify the name and contact information of the translator. It is also acceptable to do the translation yourself. However, for research theses, etc., please attach a Japanese translation for the title only.

6. Entrance examination fee payment

(1) Paying at a financial institution using a funds transfer form

- Please use the funds transfer form attached to these guidelines to pay the exam fee at a financial institution, excluding post offices (Japan Post Bank). **(Please do not transfer funds from an ATM. Also, it is advisable to check the business hours of the financial institution well in advance.)**
- Fund transfers can be made at financial institutions nationwide (transfer fees are not incurred at Mizuho Bank).
- **Please affix the funds transfer certificate (original) stamped with the bank's receipt stamp to the attached form on page 57** and submit it.

(2) Payments via the web (the E-shiharai website)

- Please refer to the attached document about the Graduate School of System Design entrance examination fee payment methods for details.
- After applying in advance on the E-shiharai site (<https://e-shiharai.net/>), please make payment at a convenience store or ATM that can accept Pay-easy, via Internet banking, with a credit card, or via Alipay or UnionPay international settlement. (For those paying from outside Japan, the only options are a credit card or Alipay/UnionPay.) Note that you will be responsible for paying any funds transfer fees.

(a) Payments via Japanese-language sites

After paying, please detach the payment certificate (収納証明書) from the detailed statement (入学検定料・選考料 取扱明細書), affix it to the attached form on page 57 of these guidelines, and submit it.

(b) Payments via English-language sites

After paying, please submit a printout of the "Result Page" along with your application documents.

	Payment deadlines
Summer applications	June 4 (Monday) to July 5 (Thursday), 2018
Winter applications	December 3 (Monday), 2018 to January 7 (Monday), 2019

Note: If you have any questions about how to make payment with E-shiharai, please refer to the site's FAQ page (<https://e-shiharai.net/Syuno/FAQ.html>) or contact the E-Service Support Center.

(3) Entrance examination fee exemptions

- **Anyone who has completed a master's degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and will be applying to a TMU graduate school doctoral degree program will receive an exemption from the entrance examination fee.**
- In some cases, applicants affected by the March 2011 Tohoku earthquake, the April 2016 Kumamoto earthquake, or the torrential rains that hit northern Kyushu in July 2017 may receive an entrance examination fee exemption. Please contact the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University before paying the entrance examination fee.

7. Selection methods

Successful applicants are determined through an evaluation that combines the results of the first and second examinations along with submitted documents.

(1) First examination

Documents will be screened to determine successful applicants. A second examination is held for applicants who successfully pass the first examination.

(2) Second examination

Interview (oral exam)

Note that applicants who reside overseas may be permitted to use the Internet for their oral exams if they so wish, following a review. For more information, please refer to “(3) Applications from people who seek special considerations for the entrance exam and during studies” under “3. Application qualifications.”

Points to consider about using the Internet for oral exams

- You will need to ensure an environment in which good audio and video communication conditions are possible at the time TMU designates for the oral exams.
- Problems with the test taker's communications environment that render it impossible to ensure adequate audio and video may result in treating the exam as missed.

8. First examination pass/fail notification

Summer applications: Notification is mailed to applicants on **Friday, July 27, 2018**

Winter applications: Notification is mailed to applicants on **Friday, January 11, 2019**

9. Second examination schedule

(1) Examination date, etc.

Summer application

Department	Exam date* ¹	Exam items	Exam time
Department of Computer Science	Friday, August 10, 2018	Oral exam	You will be notified when the results of the first examination are announced.
Department of Electrical Engineering and Computer Science	Friday, August 10, 2018	Oral exam	
Department of Mechanical Systems Engineering	Friday, August 10, 2018	Oral exam	
Department of Aeronautics and Astronautics	Friday, August 10, 2018	Oral exam	
Department of Industrial Art* ²	Friday, August 10, 2018	Oral exam	

*¹ There will be a separate date for applicants taking the oral exams over the Internet.

*² Explanation of the applicant's portfolio or thesis submitted when applying may be requested during the oral exam for the Department of Industrial Art.

Winter application

Department	Exam date* ¹	Exam items	Exam time
Department of Computer Science	Tuesday, January 22, 2019	Oral exam	You will be notified when the results of the first examination are announced.
Department of Electrical Engineering and Computer Science	Tuesday, January 22, 2019	Oral exam	

Department of Mechanical Systems Engineering	Tuesday, January 22, 2019	Oral exam	
Department of Aeronautics and Astronautics	Tuesday, January 22, 2019	Oral exam	
Department of Industrial Art*2	Tuesday, January 22, 2019	Oral exam	

*1 There will be a separate date for applicants taking the oral exams over the Internet.

*2 Explanation of the applicant's portfolio or thesis submitted when applying may be requested during the oral exam for the Department of Industrial Art.

10. Test venue

Tokyo Metropolitan University Hino Campus (6-6 Asahigaoka, Hino-shi, Tokyo) or a location specified by the graduate school

11. Announcement of successful applicants

Notices will be posted at Building No. 1 on TMU's Hino Campus, and notices will also be mailed to applicants. We are unable to respond to questions about test results by phone, etc.

Summer applications: Friday, August 24, 2018, 10:00 a.m.

Winter applications: Wednesday, January 30, 2019, 10:00 a.m.

A list of successful applicants' entrance exam numbers will also be posted on the Graduate School of System Design website (<http://www.sd.tmu.ac.jp/>) for approximately one week (tentatively scheduled for around 11:00 a.m.). Note that the information posted on the website is for reference, so please be sure to check the announcement of successful applicants as noted above or the notice sent by mail.

12. Enrollment period

April 2019

13. Enrollment procedures

Successful applicants (**for successful summer applicants, those who have submitted a pledge of enrollment**) will be separately notified of enrollment procedures in January 2019 (subject to change). Note that enrollment procedures will take place in March 2019.

14. Other

(1) Incomplete application documents will not be accepted.

(2) The entrance exam fee will not be returned once it is paid after receipt of your application, so please make payment after carefully considering your application.

Note: You can request an entrance exam fee refund if you transferred the fee but did not apply, or if you mistakenly transferred it twice. Please mail a document (in a format of your choice) that specifies (a) your reason for requesting a refund, (b) the name of the person who transferred the funds, (c) your current address, and (d) your phone number, attaching the receipt from the financial institution (original only; copies are not allowed), payment certificate (original only; copies are not allowed), or a printout of the "Result Page" (in the case of online payment) to the address shown below. We will send you the required documents. (However, a refund may not be possible in some cases.)

Note that handling fees will be incurred if you wish to have a credit card payment refunded.

Mailing address: 1-1 Minami-Osawa, Hachioji-shi, Tokyo 192-0397

Fund Management Section, Accounting Division, General Affairs
Department, Tokyo Metropolitan University

Phone: 042-677-1111, ext. 1045

(3) If your application qualification becomes invalid after you are granted enrollment permission, the enrollment permission will be revoked.

(4) Even after enrollment permission has been granted, if irregularities related to application procedures or the entrance examination are recognized, enrollment permission will be

revoked.

- (5) **Successful summer applicants** must complete the pledge of enrollment mailed together with the acceptance notice and mail it back to the Academic Affairs Section, Academic & Student Affairs Division, Administrative Affairs Department of Hino Campus, Tokyo Metropolitan University to arrive by Friday, September 7, 2018. **If the pledge of enrollment is not submitted, the Graduate School of Systems Design will treat it as an intention not to enroll.**
- (6) Please transfer your enrollment fee from a teller window at any financial institution other than a post office. You will be contacted separately regarding the method for transferring the funds.

Enrollment fee:

Tokyo residents 141,000 JPY (subject to change)

All others: 282,000 JPY (subject to change)

“Tokyo resident” refers to anyone, either that person or that person’s spouse, or other relative of the first degree of kinship, who has had an address in Tokyo continuously from one year prior (April 1, 2018) to the date of enrollment, April 1, 2019. Confirmation will be carried out using a certificate of items listed in the applicant’s residence record (if the applicant resides in Tokyo), or, in other cases, with a certificate of items listed in the residence record issued of the applicant’s spouse or relative, along with a family register and other documents that clearly disclose the family relationships.

- (7) Regarding the annual tuition of 520,800 JPY (subject to change), half the annual amount is automatically transferred from the registered bank account on respective designated dates for the first and second semesters.
- (8) If enrollment fees or tuition are revised at the time of enrollment or during enrollment, the amounts following the revisions will apply. Note that there are programs that offer exemptions or reductions in enrollment fees or tuition.
- (9) Anyone who has completed a master’s degree program at a TMU graduate school in September 2018 or expects to do so by March 2019 and enrolls in a TMU graduate school doctoral degree program will receive an exemption from the enrollment fee.

15. Handling of personal information

Please be aware that Tokyo Metropolitan University handles personal information in accordance with the law, as described below.

- (1) Names, addresses, and other personal information provided to TMU when applying are used to select new students (for processing applications, conducting selection, and announcing successful applicants) and to carry out enrollment procedures.
Furthermore, new students’ personal information is used 1) in relation to academic affairs (school register, guidance related to studies, etc.), 2) in relation to student support (health management, employment assistance, tuition reduction or exemption, scholarship applications, etc.), and 3) operations related to collection of tuition.
- (2) Test results used to select new students may be used in the future preparation of new student selection method review materials.

Overview of Doctoral Degree Programs

Department of Computer Science

The Department of Computer Science has computer science as its foundation, and has basic theory, architecture, and content as its pillars. It implements educational training and research that particularly emphasizes cutting-edge technology related to content, with the following three fields as its pillars: Big Data and Data Mining; Artificial Intelligence and Natural Language Processing; and Social Computing and Multimedia. Devising a curriculum that makes it possible to acquire the most up-to-date, practical expertise and R&D skills, we seek to train researchers and professionals to contribute to building a sophisticated information society that has a dynamic industrial structure and continues to evolve rapidly.

(1) Big Data and Data Mining

Students acquire expertise pertaining to the cutting-edge technologies related to using big data in the big data and data mining field of study. A special lecture course on this topic (Advanced Big Data and Data Mining) is offered as a main part of the curriculum.

(2) Artificial Intelligence and Natural Language Processing

Students acquire expertise pertaining to cutting-edge technologies related to achieving intelligent processing and systems, such as artificial intelligence and natural language processing. A special lecture course on this topic (Advanced Artificial Intelligence and Natural Language Processing) is offered as a main part of the curriculum.

(3) Social Computing and Multimedia

Students acquire expertise pertaining to the cutting-edge technologies related to using various media that circulate in contemporary society, such as social media and multimedia. A special lecture course on this topic (Advanced Social Computing and Multimedia) is offered as a main part of the curriculum.

Department of Electrical Engineering and Computer Science

Electrical engineering and computer science, as represented by information, telecommunications, electronics, and energy, are basic technologies that underpin contemporary society. At the same time, these fields represent cutting-edge, frontier technologies. When it comes to developing new technology, it is expected that electrical engineering and computer science will play more and more important roles from now on. With this background in mind, the department's basic philosophy is that we train creative technicians and researchers with systematic, comprehensive expertise related to information systems technology and electrical and electronic communications systems technology through sophisticated, specialized education and research involving cutting-edge topics in the field. To this end, we have designated the following three fields as the main pillars of our academic framework: computer Networks and Systems; Telecommunications and Sensing Systems; and Electrical Engineering. We seek to train technicians and researchers with advanced practical skills, problem-detecting and problem-solving capabilities, and a high-level sense of ethics combined with a sense of mission based on systematic, comprehensive expertise in these fields.

(1) Computer Networks and Systems

We conduct educational training and research in the field of information networks, where we cover topics such as network protocols, reliability enhancement technologies, security, failure analysis, signal processing, network optimization, operations management, and artificial intelligence applications, and in the field of social data systems, where we cover topics such as dependable computing, reliability assessments and theory, optimization theory applications, systems management, and social information systems theory. A special lecture course on this topic (Advanced Computer Networks and Systems) is offered as a main part of the curriculum.

(2) Telecommunications and Sensing Systems

We conduct educational training and research in the field of medical engineering and biometrics, where we cover topics such as electromagnetic fields, electrical signals, and

ultrasonic waves for measuring and evaluating such things as organisms and life forms, and in the field of environmental information systems, where we cover topics such as environmental measurements using electromagnetism and optical signals, electromagnetic environmental assessments, and environment-related forecasting and impact assessments. A special lecture course on this topic (Advanced Telecommunications and Sensing Systems) is offered as a main part of the curriculum.

(3) Electrical Engineering

We conduct educational training and research in the field of functional devices and electronic systems, where we cover the creation of devices and systems to support data, communications, and sensing systems, and in the field of energy systems, where we cover topics such as power electronics, energy management, electromagnetic energy applications, and energy and environmental applications. A special lecture course on this topic (Advanced Electrical Engineering) is offered as a main part of the curriculum.

Department of Mechanical Systems Engineering

The Department of Mechanical Systems Engineering provides a systematic, interdisciplinary environment for acquiring a high degree of expertise to undertake independent R&D and problem solving and application skills related to the following three core areas: Intelligent Mechanical Systems; Mechanical Innovation; and Biomechanical Engineering. A special lecture course on intelligent mechanical systems is offered as a main part of the curriculum. Our goal is to conduct training that will create professionals and researchers with a combination of sufficient basic academic skills, the ability to think logically, the ability to identify and solve problems, flexible thinking, inventiveness, and a sense of ethics.

(1) Intelligent Mechanical Systems

We conduct educational training and research related to machine controls, intelligent systems, service-related information, and robotics. A special lecture course on this topic (Special Lecture in Intelligent Mechanical Systems) is offered as a main part of the curriculum.

(2) Mechanical Innovation

We conduct educational training and research related to functional surfaces, nano- and micro-devices, mechanical materials, and materials processing. A special lecture course on this topic (Special Lecture in Mechanical Innovation) is offered as a main part of the curriculum.

(3) Biomechanical Engineering

We conduct educational training and research related to medical engineering and bioengineering, ergonomics, and welfare engineering. A special lecture course on this topic (Special Lecture in Biomechanical Engineering) is offered as a main part of the curriculum.

Department of Aeronautics and Astronautics

Our specialized educational training and research fields are structured into the following six areas: aerodynamics and fluid dynamics; materials and structures; propulsion systems; guidance, control, and dynamics; systems design engineering; and space utilization technology. We offer one special lecture course and six seminar courses for each area (each semester).

The content of each area's educational training and research as well as special lecture subjects are described below.

(1) Aerodynamics and Fluid Dynamics

We conduct educational training and research about various flow issues related to the aerodynamic performance of flying objects and various fluid phenomena in the aerospace field. A special lecture course on this topic (Special Lecture on Aero- and Fluid Dynamics) is offered as a main part of the curriculum.

(2) Propulsion Systems

We conduct educational training and research related to airplane and rocket propulsion systems and electric propulsion for traveling in outer space. A special lecture course on this topic (Space Propulsion System) is offered as a main part of the curriculum.

(3) Materials and Structures

We conduct educational training and research related to the structures of composite materials and heat-resistant materials for airplanes and rockets, and materials processes in the environment of outer space. A special lecture course on this topic (Special Lecture on Structures and Materials) is offered as a main part of the curriculum.

(4) Guidance, Control, and Dynamics

We conduct educational training and research related to space robots, space tethers and other space infrastructure dynamics and controls, mitigation of space debris, and air traffic management. A special lecture course on this topic (Aerospace Guidance and Control Engineering) is offered as a main part of the curriculum.

(5) Systems Design Engineering

We conduct educational training and research related to designing the elements that comprise airplanes and rockets, and mathematical approaches for that purpose, along with function checks and systems integration. A special lecture course on this topic (Special Lecture on System Design Engineering) is offered as a main part of the curriculum.

(6) Space Utilization Technology

We conduct educational training and research related to remote sensing and GPS from space using satellites, satellite-based airborne navigation systems, and space tribology technologies. A special lecture course on this topic (Space System Engineering) is offered as a main part of the curriculum.

Note that visiting professors from partner institutions (National Institute of Information and Communications Technology, Japan Aerospace Exploration Agency, and National Institute of Maritime, Port and Aviation Technology) participate in educational training and research in these fields.

Department of Industrial Art

The Department of Industrial Art devises graduate school programs to conduct flexible, high-level research into various issues that contemporary society faces as well as cultural and industrial activities. Our goal is to train professionals who play a leading role in creating new culture—such as cutting-edge researchers, creative designers, content creators, and producers—with an advanced, comprehensive ability to create new value and global networks through rethinking cultural and industrial activities from engineering and artistic perspectives. The program consists of two study areas—Product Design and Media Origination—and students conduct cutting-edge research at the intersection of these two areas. In the doctoral degree program, we strive to train independent, pioneering researchers in the fields of design and art, as well as creators, producers, and practitioners who lead the way internationally in these fields.

The content of each area's educational training and research as well as special lecture subjects are described below.

(1) Product Design

This field of study consists of design- and technology-related aspects. The design aspects include the areas of product and service design, extending from household supplies and electrical appliances to various kinds of equipment for industrial purposes; transportation design for everything from cars to railroads, ships, and other public transportation organs; interior design for designing everything from furniture and lighting fixtures to our lifestyles themselves; and spatial design for exhibition facilities and other public spaces. Technology aspects include interface design for researching the links between human beings and computers from various perspectives and putting the findings into practice, and ergonomic design for scientific research into the relationships between products and end users. A special lecture course on this topic (Special Lecture of Product Design) is offered as a main part of the curriculum.

(2) Media Origination

This field of study encompasses both art and infrastructure. The art aspects include interactive art involving creating new ways of communicating and sensory experiences using cutting-edge media technology; visual design involving turning various kinds of mental images

into visual images, from animation to film production; visual communication design involving the broad functions of data interfaces for everything from print media to digital media; and editing, which involves delving into culture and representation from editorial engineering perspectives. The infrastructure aspects include studying software design involving everything from computer programs to creating new information value; and network design involving the pursuit of new communications possibilities for information environments. A special lecture course on this topic (Special Lecture of Media Art & Design) is offered as a main part of the curriculum.

List of Prospective Faculty Supervisors 1

Department	Field / Area	Job title / Name	
Department of Computer Science	Big Data and Data Mining	Professor	ISHIKAWA Hiroshi ※
		Professor	TAKAMA Yasufumi
		Professor	MATSUDA Takahiro
		Associate Professor	KATAYAMA Kaoru
		Associate Professor	YOKOYAMA Syohei
	Artificial Intelligence and Natural Language Processing	Professor	NISHIUCHI Nobuyuki
		Professor	YAMAGUCHI Toru
		Associate Professor	KOMACHI Mamoru
	Social Computing and Multimedia	Professor	AIDA Masaki
		Professor	IKEI Yasushi
		Professor	ONO Nobutaka
		Professor	KIYA Hitoshi

※Scheduled retirement from March 2021

List of Prospective Faculty Supervisors 2

Department	Field / Area	Job title / Name	
Department of Electrical Engineering and Computer Science	Computer Networks and Systems	Professor	ASAKA Takuya
		Professor	IWASAKI Kazuhiko ※1
		Professor	KAINUMA Yasutaka
		Professor	KAJIHARA Yasuhiro
		Professor	FUKUMOTO Satoshi
		Professor	MIURA Yukiya
		Professor	YASUDA Keiichiro
		Professor	YAMAMOTO Hisashi
		Associate Professor	NISHIKAWA Kiyoshi
	Telecommunications and Sensing Systems	Professor	ABO Makoto
		Professor	SUZUKI Yukihisa
		Professor	TAGAWA Norio
		Professor	MATSUI Takemi
		Associate Professor	UCHIDA Satoshi
		Associate Professor	OKUBO Kan
		Associate Professor	SHIBATA Yasukuni
	Electrical Engineering	Professor	SHIMIZU Toshihisa ※2
		Professor	SUHARA Michihiko
		Professor	TOCHIKUBO Fumiyoshi
		Professor	MIURA Osuke
		Professor	WATANABE Yasuaki
		Associate Professor	GOKA Shigeyoshi

		Associate Professor	NAKAMURA Seiji
		Associate Professor	WADA Keiji

※1 Scheduled retirement from March 2020

※2 Scheduled retirement from March 2021

List of Prospective Faculty Supervisors 3

Department	Field / Area	Job title / Name	
Department of Mechanical Systems Engineering	Intelligent Mechanical Systems	Professor	OGUCHI Toshiki
		Professor	KUBOTA Naoyuki
		Professor	KOJIMA Akira
		Professor	SHIMOMURA Yoshiki
		Professor	MASUDA Shiro
		Professor	YOSHIMURA Takuya
		Associate Professor	TAKESUE Naoyuki
		Associate Professor	WADA Kazuyoshi
		Professor	ANDO Noriaki
		Professor	TANIKAWA Tamio
		Professor	MOCHIMARU Masaaki
		Associate Professor	OOZEKI Takashi
	Mechanical Innovation	Professor	KAKEHI Koji
		Professor	KOBAYASHI Satoshi
		Professor	MORONUKI Nobuyuki
		Professor	YANG Ming
		Associate Professor	OGATA Satoshi
		Associate Professor	KANEKO Arata
		Associate Professor	SUGAWARA Hiroharu
		Associate Professor	TAKAHASHI Satoru
		Professor	IKI Norihiko
		Associate Professor	SEGAWA Takehiko

	Biomechanical Engineering	Professor	SEO Akihiko
		Professor	HASE Kazunori
		Professor	FUJIE Hiromichi
		Professor	WAKAYAMA Shuichi
		Associate Professor	OBARA Hiromichi
		Associate Professor	KAKUTA Naoto
		Associate Professor	SAKAMOTO Naoya

List of Prospective Faculty Supervisors 4

Department	Field / Area	Job title / Name	
Department of Aeronautics and Astronautics	Aerodynamics and Fluid Dynamics	Associate Professor	TAGAWA Toshio
		Professor	TAKEGAHARA Haruki ※1
	Propulsion Systems	Associate Professor	INASAWA Ayumu
		Associate Professor	SAKURAI Takashi
		Professor	KITAZONO Koichi
	Materials and Structures	Professor	WATANABE Naoyuki ※2
		Professor	KOJIMA Hirohisa
	Guidance, Control and Dynamics	Professor	KOGA Tadashi
		Associate Professor	TAKEICHI Noboru
		Professor	SAHARA Hironori
	Systems Design Engineering	Associate Professor	KANAZAKI Masahiro
		Professor	USHIO Tomoo
	Space Utilization Technology	Professor	TSUJII Toshiaki
		Professor	ISHII Shoken

※1 Scheduled retirement from March 2020

※2 Scheduled retirement from March 2021

List of Prospective Faculty Supervisors 5

Department	Field / Area	Job title / Name	
Department of Industrial Art	Product Design	Professor	KASAMATSU Keiko
		Professor	NANBA Osamu
		Professor	FUJIWARA Keisuke
		Associate Professor	BABA Tetsuaki
	Media Origination	Professor	KUSHIYAMA Kumiko
		Professor	KONMA Toshihiro
		Associate Professor	KUSUMI Kiyoshi