

For Enrollment April 2019
Graduate School of Engineering
(Master's Degree Program)

Admissions Guide

NITech changed into the application method using the Internet.

Nagoya Institute of Technology

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Graduate School of Engineering Master's Program Admissions Guide for Enrollment in April 2019

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Education Philosophy

The education philosophy of Nagoya Institute of Technology is to “Aim towards achieving the happiness of humankind and welfare of the global community going into the future while nurturing the human talent to support this goal based on 3 guiding principles: *Monozukuri* (Innovation), *Hitozukuri* (Education), and *Miraizukuri* (Contribution).”

Each and every graduate of this school is expected to be active as a pragmatic engineering elite who possesses the skills to create revolutionary academic innovations and technologies in the real world by working together with various people in various fields throughout the global community and striving towards a sustainable society of the future.

Admissions Policy (Policy on the admission of new students)

Graduate School Master’s Degree Program

In order to nurture human resources according to our education philosophy, students who satisfy the following are admitted widely from within Japan and around the world.

Students who study in the master’s degree program at our university have the abilities of a bachelor’s degree graduate, the fundamental knowledge of engineering and a grasp of its mission, a good understanding of the philosophy of our university, and have the desire to fulfill that mission of engineering.

- 1 People who have graduated with a bachelor’s degree or who have equivalent abilities
- 2 People who have fundamental knowledge of engineering such as in the specialist field to which they aspire, and who have the ability to utilize this knowledge for problem solving
- 3 People who have the communication proficiency to exchange ideas with other people, and are able to understand lectures and textbooks in English and exchange ideas with other people in English
- 4 People who have a strong desire to be the leaders of engineering in the future

Curriculum Policy (Policy on the formulation and execution of the education program)

Graduate School Master’s Degree Program

This education program has been formulated from the following perspectives for nurturing human resources according to our education philosophy.

The graduate school master’s degree program nurtures human resources who will acquire advanced specialist knowledge while working on research and who will create the society of the future by building on the skills of the bachelor’s degree, and the fundamental knowledge of and a sense of mission to engineering.

- 1 Acquire the ability to understand and observe human, cultural, and social problems from a technical perspective.

For this, as general subjects, students study subjects for comprehensively learning a variety of human, cultural, social problems, and engineering and subjects for linking technology to industry and society.

- 2 Acquire communication skills to be able to exchange ideas with researchers and engineers both inside and outside Japan in relation to specialist problems and technology.

For this, students study a wide variety of fields and acquire excellent communication skills through seminars in specialist fields, research internships both inside and outside Japan, lectures by people working in companies, and lectures or seminar’s in English including by foreign researchers.

- 3 Acquire advanced knowledge and technology that form the core of the field of specialization, and learn skills to discover specialist problems and solve the problems by deepening expertise.

For this, students study advanced specialist knowledge and technology, and work on novel and beneficial research in their field of specialization as their master’s degree research

Diploma Policy (Policy on master's degree certification and awarding degrees)

Graduate School Master's Degree Program

The graduate school master's degree program produces engineers who have the following advanced specialist knowledge and skills according to our education philosophy and who can create new technology.

The master's degree is awarded to students who have satisfied the requirements for the master's degree as defined by the academic rules of Nagoya Institute of Technology Graduate School.

- 1 The ability to understand and observe human, cultural, and social problems from a technical perspective
- 2 The communication skills to be able to exchange ideas with researchers and engineers both inside and outside Japan in relation to specialist problems and technology
- 3 Advanced knowledge and technology that form the core of the field of specialization, and the skills to discover specialist problems and solve the problems by deepening expertise

Graduate School of Engineering Master's Degree Program

Admissions Guide for Enrollment in April 2019

The Graduate School of Engineering of the Nagoya Institute of Technology (NITech) invites prospective students for the Master's Degree Program as follows:

1. Departments and the Number of Places

| Department | Number of students to be admitted |
|---|-----------------------------------|
| Life Science and Applied Chemistry | 107 |
| Physical Science and Engineering | 50 |
| Electrical and Mechanical Engineering | 84 |
| Computer Science | 75 |
| Architecture, Civil Engineering and Industrial Management Engineering | 57(10) Note 1 |

Note 1. The Architecture, Civil Engineering and Industrial Management Engineering major includes 10 students for NITech Business Design School (short-term course)

Note 2. NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering is aimed at working people. The course takes at least one year to complete but less than two (courses that can be completed in a minimum of one year).

Note 3. Students who wish to apply for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering should refer to "Application Requirements for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering".

Note 4. In addition to this admissions period, NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering is also admitting a few students in February 2019. An admissions guide for the course will be released in late October 2018.

2. Eligibility Requirements

Applicants must satisfy one of the following requirements:

- (1) Applicants who have graduated from university or who expect to do so by March 31, 2019
- (2) Applicants who have received, or expect to receive by March 31, 2019, a bachelor's degree as stipulated in Section 4, Article 104 of the of the School Education Act
- (3) Applicants who have either completed 16 years of schooling overseas or expect to do so by March 31, 2019
- (4) Applicants who, while residing in Japan, have completed, or expect to complete by March 31, 2019, the equivalent of a 16-year educational program at an academic institution in a country other than Japan through a correspondence program at that institution

- (5) Applicants who, while residing in Japan, have completed or expect to complete by March 31, 2019, a program at an academic institution in a country other than Japan that is designated by the Minister of Education, Culture, Sports, Science and Technology as equivalent to a university program (provided that the applicant has completed a 16-year school education in the said country)
- (6) Applicants who were awarded, or are expected to be awarded by March 31, 2019, a degree equivalent to bachelor's by universities overseas or others (only which are comprehensively evaluated with their activities of educational research and so on by the bodies certified by their governments or organizations concerned, or separately designated by Ministry of Education, Culture, Sports, Science and Technology as equivalent) to complete the program which is more than 3 years (including to complete the equivalent program by taking the correspondence course subjects in Japan, which are provided by the schools overseas, and a program at an academic institution in a country other than Japan that is designated in (5)).
- (7) Applicants who have completed a vocational program at a vocational school (provided that it is at least a four-year program that also meets other standards set by the Minister of Education, Culture, Sports, Science and Technology) specified by the Minister of Education, Culture, Sports, Science and Technology, on or after the date specified by the Minister of Education, Culture, Sports, Science and Technology
- (8) Applicants specified by the Minister of Education, Culture, Sports, Science and Technology as eligible
- (9) Applicants who are currently enrolled in at least their third year at university and who will be approved by the Graduate School of Engineering at NITech if they receive good grades in their prescribed courses
- (10) Applicants who have completed a 15-year school education in a country other than Japan and will be approved by the Graduate School of Engineering at NITech if they receive good grades in their prescribed courses
- (11) Applicants who, while residing in Japan, have completed a 15-year school education in a country other than Japan through a correspondence at that institution and will be approved by the Graduate School of Engineering at NITech if they receive good grades in their prescribed courses
- (12) Applicants who, while residing in Japan, have completed a program at an academic institution in a country other than Japan that is designated by the Minister of Education, Culture, Sports, Science and Technology as equivalent to a university program (provided that the applicant has completed a 15-year school education in the said country other than Japan) and will be approved by the Graduate School of Engineering at NITech if they receive good grades in their prescribed courses
- (13) Applicants who are recognized by the Graduate School of Engineering at NITech as having a scholastic ability equal to or higher than that of a university graduate as a result of individual Admission eligibility evaluation, and will reach 22 years old by March 31, 2019

Note 1: Students applying under eligibility requirements (9), (10), (11), or (12) should refer to "Applying under Eligibility requirements (9), (10), (11), or (12)" on page 17.

Note 2: Students applying under eligibility requirement (13) should refer to "Applying under Eligibility requirement (13)" on page 17.

Application Requirements for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering

Applicants who wish to enroll in NITech Business Design School (short-term course) must be working people who meet the aforementioned eligibility requirements, who can attend lectures during the day and evening, and who satisfy one of the following requirements.

- Applicants who have at least three years of practical experience (or who expect to have at least three years by the time of enrollment) in a technical field or business management field since graduating from university
- Applicants who have at least two years of practical experience (or who expect to have at least two years by the time of enrollment) in a technical field or industrial management field since graduating from university and have been recommended by a government agency in particular, or company or organization working actively for community cooperation
- Applicants recognized by the Graduate School of Engineering at NITech as having qualifications equal to or higher than those above

3. Application Period

Tuesday, July 17–Friday, July 20, 2018 (no later than 4:00 p.m. on Friday the 20th)

Note: Submit application documents after registration (system input) of information for application over the internet by bringing them with you or mailing them. If bringing them with you, reception of the documents is from 9:00 a.m. to 4:00 p.m. If mailing them, they must be received no later than **4:00 p.m. on Friday, July 20**. Please check details from “4. Application Procedure”.

**Application information registration (system input) is possible during the following period.
9:00 a.m. on Tuesday, July 10–4:00 p.m. on Friday, July 20, 2018**

4. Application Procedure

Those wishing to enroll, make careful confirmation of steps [1]–[3], and complete the necessary procedures.

Procedure When Applying Over the Internet

| | |
|---|--|
| (1) Confirmation of the entrance examination system | Download “Admissions Guide” from the NITech website, and check the qualifications for application and the application period to the major you wish to enter into. |
| (2) Registration of application information | From a computer etc. connected to the internet, follow the instructions on the screen, and enter the content to be registered. |
| (3) Confirmation of application information | Check the registered application information. The information can be printed out for confirmation. |
| (4) Selection of payment method | Select the method of payment for the examination fee. •Credit card •Convenience store payment •Bank ATM (Pay-easy) •Online banking |
| (5) Payment of examination fee | Pay the examination fee through the payment method you selected. |
| (6) Printing of registered application information | Print out the Application Checking Sheet and other documents. |
| (7) Submission of application documents | Submit the printed documents with the registered application information, from (6) etc. to Nagoya Institute of Technology as written on page 7 of “[2] Application Documents” to complete application. |

Note 1: Application is not complete by only registering the application information over the internet.
Application is complete after submission of the Application Checking Sheet and other documents written on page 7 of “[2] Application Documents”.

Note 2: In case of the following actions during the application information registration, or you have not continued on to the next page within 30 minutes, please note that registration must be started over again.

- You have closed the browser before completing the application information’s registration
- You clicked the “Back” button in the browser to return to the previous screen

Note 3: The following are the recommended system requirements for computer and mobile device when registering your application information over the internet.

(1) Recommended System Requirements for Computer

Browser Versions

| | |
|------------------------|----------------------|
| Windows | Macintosh |
| Google Chrome | Mac OS 10.6 or later |
| Internet Explorer 11.X | Safari |
| Microsoft Edge | Google Chrome |

| | |
|--|--|
| <p>* When using Windows 8.1 or Windows 10, be sure to start up the browser from the desktop.</p> <p>* Internet Explorer's compatibility mode is not recommended as the site's design may be corrupted.</p> | |
|--|--|

PDF Reading Software Versions

| Windows | Macintosh |
|--|---|
| <p>Adobe Acrobat Reader DC</p> <p>* "Reader" for Windows 8.1 and Windows 10 is not recommended.</p> <p>* PDF viewers for browsers are not recommended.</p> | <p>Adobe Acrobat Reader DC</p> <p>* Mac OS's preview is not recommended.</p> <p>* PDF viewers for browsers are not recommended.</p> |

(2) Recommended System Requirements for Mobile Device

* Although the following are recommended system requirements, some functions may not work depending on the environment of use. In such case, please use a computer instead.

OS Versions

| Android | iOS |
|--|---|
| <p>Android 4.4.X or later</p> <p>Android Chrome</p> <p>*1 Be sure to start up the Chrome browser from the icon on the smartphone screen.</p> <p>Access using applications downloaded from Google Play (excluding Chrome) do not work properly.</p> | <p>iOS 9.X.X or later</p> <p>Safari</p> <p>*2 Be sure to start up the Safari browser from the icon on the smartphone screen.</p> <p>Access using applications downloaded from App Store do not work properly.</p> |

[1] Registration of Application Information over the Internet and Payment of the Examination Fee

- (1) Registration of application information over the internet and a payment of the examination fee (30,000 yen) and bank transfer fee (900 yen) are required.

The process of registration application information over the internet is as stated in the separate "Internet Application Registration Process Guide" file.

- (2) Data, etc. to be prepared before beginning the registration of application information

- a. Statement of purpose and other documents

In addition to the documents created through the registration system for the application information, submission of the statement of purpose and other documents as stated in the "Other Necessary Documents" section of "[2] Application Documents" must be done within the application period. Please have them prepared so as not to be late.

- b. Applicant's facial photo data

Have the data of a photograph prepared clearly showing the full face, head and shoulders, without any hat, and taken within three months of the application. It is registered into the system together with the other information.

- c. E-mail address

An e-mail address is required. Use of a smartphone, cellular phone, or free e-mail service address is okay. (The e-mail address designated will receive notification e-mails such as those regarding completion of application information registration.)

- d. Printer and printer paper

A printer able to make prints in A4 size (in either monochrome or color) is required. Normal printer paper may be used (for printing the registered application information).

(3) Cases when the internet is unavailable

If an internet environment is not available for application registration at your home, or school or university enrolled in, please inquire through the information listed in “18. Contact Information” on page 13.

Note 1: The application procedure is complete upon registering the information for application over the internet and submitting the documents written on page 7 of “[2] Application Documents”. Please note that if the necessary documents are not submitted by the application period listed in “3. Application Period” on page 5, the application will be considered incomplete (registered data invalid), and you will not be able to take the examination.

Note 2: Check the internet application registration site below in regard to details on examination fee payment methods, frequently asked questions, etc.

Internet Application Registration Site
NITech English website > [Prospective Students](#) > **Internet Application Registration Site**

[2] Application Documents

After registering the application information in [1] of page 6 over the internet, compile the following documents, and submit them to the NITech Admissions Division by the prescribed date. Before applying, please consult with the faculty member in NITech whom you would like to have as your academic adviser for your research proposal and the application for admission.

In addition, applicants for admission to NITech Business Design School (short-term course) should contact the Admissions Division in advance.

If mailing your application, use a commercial envelope (a rectangular No. 2 envelope with a length of 33 cm and width of 24 cm), stick a mailing label described in (2) of the chart below (**the mailing address is in “18. Contact Information” on page 13**) to the front of the envelope, **and mail it as registered express mail**.

Please contact the Admissions Division if you are submitting the application documents from outside Japan.

| | | |
|---|--|--|
| Printed documents of the registered application information over the internet | (1) Application Checking Sheet (Submission Sheet) | The printed version of the application information after registration over the internet |
| | (2) Mailing label | Stick the printed mailing label to the envelope used to send the application documents after the registration of application information over the internet. If bringing the application in person, print out the shipping label, and bring it with you (it does not need to be stuck on the envelope). |
| Other necessary documents | (3) Statement of purpose | Write on each of the points. Please download and use the statement of purpose form from the NITech website (https://www.nitech.ac.jp/examination/in/request.html). |
| | (4) Academic transcript (copy not allowed) | Submit an academic transcript issued by the president of your university, college, or technical college and so on. In addition, applicants who transferred to a university, or who are attending or have completed advanced courses at a college of technology must submit academic transcripts of the university before you transferred, or main course of the college or technical college. (This is not needed if you are applying for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering.) (If it is not written in Japanese or English, a Japanese or English translation must be included.) |

| | | |
|----------------------------------|--|--|
| Other necessary documents | (5) Certificate of (expected) graduation (copy not allowed) | Submit an academic transcript issued by the president of your university, college, or technical college and so on. (If it is not written in Japanese or English, a Japanese or English translation must be included.) |
| | (6) Recommendation letter (no designated format) | This is only needed if you are applying for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering. If the applicant is a business proprietor, he/she may instead submit proof of his/her status as a proprietor. |
| | (7) TOEFL or TOEIC L&R score report | Carefully read the instructions in section 4 [3] (1). (This is not needed for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering.) |
| | (8) TOEIC L&R score sheet's return envelope | For those mailing their application documents, an envelope to return TOEIC L&R score sheet is necessary only for those submitting them. Write your name, address, and postal code on a commercial envelope (a rectangular No. 3 envelope with a length of 23.5 cm and width of 12 cm), and attach a postage stamp (362 yen). |
| | (9) Other | A. Prospective students from abroad, submit a copy of your certificate of residence with your <u>status</u> and <u>period of stay</u> written on it, or a copy of both sides of your residence card. B. If you are applying under eligibility requirement (2), “applicant who has received a degree”, you must submit a certificate of your bachelor’s degree, issued by National Institution for Academic Degrees and Quality Enhancement of Higher Education. C. If you are applying under eligibility requirement (2), “applicant who expects to receive a degree”, you must submit the following two documents. a certificate stating that you expect to complete advanced courses at a junior college or college of technology in which you are currently enrolled b expected certificate of the college in which you are currently enrolled c certificate stating that you plan to apply for a bachelor’s degree issued by the president of the junior college or college of technology you are attending |

* The documents submitted for application requirement (13)’s admission screening do not need to be resubmitted at the time of application.

[3] Important Points

(1) Submission of TOEFL or TOEIC L&R score report

Submit the following documents as applicable to your case:

A. TOEFL-iBT

Submit the Official Score Report. Examinee Score Report is not acceptable.

Request Educational Testing Service (ETS) to send your Official Score Report to NITech so that the Report will reach NITech no later than the admission application deadline. Requests can be made by either of the following methods:

- Requesting ETS directly at the time of application for a TOEFL test or by 10:00 p.m. on the day prior to the TOEFL test day (Free of charge)
- Requesting ETS directly on or after the TOEFL test day (Charged)

NITech’s Designated Institution Code (DI Code): 8549

It may take approximately two months before the Official Score Report reaches NITech. Be sure to make the request well before the admission application deadline. If the Official Score Report does not arrive at

NITech within the admission application period, your application documents will be regarded as incomplete.

If you would like to confirm that the TOEFL official score report has been arrived at NITech, please send us e-mail (nit.nyushi@adm.nitech.ac.jp) as follows:

Subject: TOEFL official score report

Body of e-mail : ①Name (alphabet)
②TOEFL Test Date
③TOEFL Registration Number
④Date of Birth

B. TOEIC Listening & Reading Test (TOEIC L & R)

You must submit the original Official Score Certificate with a photograph of your face that was issued by the TOEIC Steering Committee. (A photocopy will not be accepted.)

TOEIC Speaking & Writing Test Score Certificate is not allowed.

If you submit the previous TOEIC Official Score Certificate, only score sheets from up to two years before the application period are valid.

Your TOEIC L& R Official Score Certificate will be returned to you after your application documents are accepted.

C. To be valid, your score sheet must be dated within two years prior to the application period.
Scores for special examination systems like TOEFL-ITP and TOEIC-IP, etc. cannot be used.

- (2) Incomplete application documents cannot be accepted.
- (3) Changes made after registering your application over the internet are not acknowledged. However, if your address, phone number, etc. have changed, please contact NITech through the information listed in “18. Contact Information” on page 13.
- (4) Once you have submitted admission application documents, you cannot make changes to the contents, and the documents you submit will not be returned.
- (5) Examination fees already paid are not reimbursed for any reason other than the cases below.
 - A. The fee was paid, but the application documents were not mailed.
* The application process is not complete by only registering application information over the internet. It is complete after mailing in the application documents within the application period.
 - B. The fee was paid, but due to a mistake or mistakes in the application documents, application was not accepted.
 - C. The fee was mistakenly paid twice.
- (6) Any false information in the submitted documents will cause cancellation of one’s admission even after you have been admitted.
- (7) The personal information used for the selection will be dealt with under the Act on the Protection of Personal Information Held by Independent Administrative Agencies:
 - a) NITech will use it for investigation and research for future selections.
 - b) NITech may entrust some processes of the selection and the investigation and research described in Item a) above to contractors with which NITech has made a nondisclosure agreement (hereinafter referred to as “the contractors”).
In this case, NITech provides the personal information to the contractors within the scope of the entrusted affairs.
 - c) Regarding The Admission application documents and the personal information used for the selections, NITech will use it for the academic affairs, including register management, and affairs related to study support and student support.

5. Download and Printing of the Examination Admission Ticket

The examination admission ticket can be downloaded or printed from July, 27, on Friday, 2018.

Download and print the examination admission ticket from the internet application registration site, and bring it with you on the day of the examination.

6. Preliminary Consultation for Applicants with Disabilities or Others

Special treatment is available for students with disabilities. Please contact the Admissions Division prior to the application if you have a disability stipulated in Article 22-3 of the Ordinance for Enforcement of the School Education Act, or other disability, and therefore need special care to enable you to attend the admission examination and graduate school programs.

(1) Date and consultation

By Friday, June 22, 2018

By the date above, you should inform the Admissions Division of the content of your requirements, either in writing, or by phone, or other means. The Office may conduct a meeting on campus, if necessary, by inviting you or a staff member of your school who can provide the necessary explanation on your behalf.

(2) Contact information

Refer to section “18 Contact Information” on page 13.

7. Visa (Coming to Japan for the Entrance Examination)

Depending on your nationality, applicants who intend to enter Japan to take the entrance examination must obtain a visa. For details, please contact your local Japanese Embassy or Consulate.

NIITech cannot be your "Inviter" or "Guarantor" when applicants apply for their 'short-term visa'. Please prepare for the necessary conditions and apply for the visa on your own.

For further information, please refer to the Ministry of Foreign Affairs website:

http://www.mofa.go.jp/j_info/visit/visa/index.html

8. Selection Process

Applicants will be selected based on a comprehensive assessment of their academic evaluation results, interview results, letter of recommendation (only needed for NIITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering) and academic transcripts. Applicants must participate in all examinations and interviews indicated by NIITech. Then NIITech will reconfirm their preferred field and adviser with them in the interview, however in some cases, they may not be accepted their first preferred field and adviser.

(1) Examinations

① Field-specific examination (written examination, 300 points total)

9:00 to 12:00 on Thursday, August 16, 2018

On the day of the examination at the examination site, applicants must select three topics from among those specified as part of their preferred department on page 14, “Appendix: Selection Questions”. Although questions will be provided in Japanese, answers may be given either in Japanese or English.

② Foreign-language examination (100 points total)

For the foreign-language examination, applicants receive points based on their TOEFL or TOEIC L&R scores. The conversion of TOEFL and TOEIC L&R scores to English points will be based on the range given in the conversion table below.

To be valid, score sheets need to be dated within the two years prior to the submission period for this examination. Additionally, if scores for both TOEFL and TOEIC L&R are submitted, the highest point score after conversion will be used.

| TOEIC L&R | TOEFL-iBT | Written test score |
|-----------|-----------|--------------------|
| 990 | 120 | 100 |
| 10 | 0 | 0 |

- ③ Oral examination for working people —Thursday, August 16, 2018 (Examination time will be announced from the department) Applicants of working people other than those applying for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering (and excluding those currently attending NITech) may take the oral examination for working people, which covers field-specific topics related to the applicant’s preferred field and details of the applicant’s work experience report instead of the aforementioned **field-specific examination (written examination)** used for academic evaluation. Applicants who wish to do this should refer to “About the Oral Examination for Working Adult Students” on page 18.
- ④ Examination for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering —Friday, August 17, 2018 (Examination time will be announced from the department)
Applicants for NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering take their foreign language examination and field-specific examination in the form of an oral examination.

(2) Interviews

Starting at 12:45 on Friday, August 17, 2018

A personal interview that covers research ambitions, aptitudes, character, etc. will take place.

9. Examination Site

The Nagoya Institute of Technology, Nagoya city, Aichi prefecture

Detailed information will be posted at Building No. 2 on the examination day.

10. Announcement of Successful Applicants and Admission Procedure

- (1) An announcement of successful applicants will be made by posting the examination numbers of successful applicants on the website of NITech (<https://www.nitech.ac.jp/>) at 10:00 on Friday, September 7, 2018, and also by mailing letters of acceptance to each successful applicant.

Results will not be available on the phone.

Additionally, your Examination Admission Ticket will be needed for the admission procedure, so please keep it.

- (2) Successful applicants (or their proxies) should carry out the admission procedure at the date shown below.

If the admission procedure is not carried out by the prescribed deadline, the applicant will be considered to have declined admission. Note that the admission procedure can also be conducted by mail in accordance with the Admission Procedure Guide which will be sent at the end of November, 2018. The documents required for admission procedure will be included in the envelope with the Admission Procedure Guide.

| Date and Time of Admission procedure | Location |
|---|--------------------------------|
| Monday, December 17, 2018 9:00 a.m. to 4:00 p.m. | Nagoya Institute of Technology |

11. Necessary Fees for Admission Procedure

| | |
|---------------|---|
| Admission fee | 282,000 yen (estimated) |
| Tuition fee | Annual amount: 535,800 yen (estimated) { First semester: 267,900 yen { Second semester: 267,900 yen |

Note 1: If the admission fee and/or the tuition fee are revised, they will be applied from the time of the revision.

Note 2: Students who would like to pay the annual fees in one payment can pay them when paying the tuition for the first semester.

Note 3: Students who do not pay the tuition (for the first semester) during the admission process must pay it between Monday, April 1 and Tuesday, April 30, 2019.

Note 4: The paid admission fee and tuition will not be returned in principle. However, in the case of persons who

have completed the admission procedure but who decline to enroll by Sunday, March 31, 2019, the relevant tuition will be returned upon request.

Note 5: NITech has a system where students may delay or be exempt from paying the admission fee and the tuition.

12. Public Information

The following information on the entrance examination for the master's degree program at the Graduate School of Engineering in 2019 will be disclosed.

(1) Application figures

The numbers of applicants, entrance examinees, successful applicants and enrolled students are disclosed on the NITech website and from the Admissions Division.

(2) Examination questions

① Examination questions

Examination questions from the past three years are available on NITech's website.

However, copyright law may prevent some questions from being posted.

② Examples of solutions and answers (However, in the case of questions for which it is difficult to give a solution or answer, question intent and evaluation points may be shown.)

③ Availability

The aforementioned information will be posted to NITech's website in early September 2018.

(3) Examination results

① Upon request from examinees, the following items will be disclosed.

Comprehensive evaluation (A, B, or C)

Examination results will not be disclosed to those who lose eligibility status due to absence from one or more examination subjects.

② Request

a) Period

Monday, September 10 to Friday, September 21, 2018

b) Way of request

At the Admissions Division counter or by mail, please submit the "Examination Result Disclosure Request" (the form designated by the NITech), accompanied by the Examination Admission Ticket and a return-mail envelope for the examination result (a commercially available No. 2 envelope with your postal code, address and name written on it. Affix a 280-yen stamp).

If you submit the Request by mail, please contact Admissions Division beforehand.

③ Notification

Notification will be mailed to the applicant in early October 2018.

13. Selection of Privately Funded International Students

The Graduate School of Engineering at NITech (Master's Degree Program) is also accepting applications from privately funded international students separately.

14. Area of Study in Each Department

To complete the Admission Application Form, refer to the separately file "Graduate School Program (Master's Degree Program) List of Advisers" for the necessary information to enter the names of the department of your choice, fields and academic advisers.

15. Approval of Course Completion and Conferment of Academic Degree

A master's degree (in engineering or philosophy) will be conferred to students who attend the Graduate School of Engineering at NITech for at least two years, who receive at least 30 credits in courses stipulated by their department, who receive the necessary research guidance, and who pass the evaluation of their master's thesis conducted by the

Graduate School as well as their final examination.

※The students of NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering can substitute their research paper for Master's thesis.

The research paper must be a report concerning foreseeable problems in pursuing practical study, a technical research paper related to marketing and product commercialization or the like.

16. Scholarship

Upon request, students may apply to receive scholarships from the Japan Student Services Organization.

• Notice Regarding Courses Specified by the Education and Training Benefit-System, Ministry of Health, Labour and Welfare (専門実践教育訓練給付金制度厚生労働大臣指定講座)

NITech Business Design School (short-term course) in the Department of Architecture, Civil Engineering and Industrial Management Engineering at NITech is a course specified by the Education and Training Benefit-System, Ministry of Health, Labour and Welfare.

Under this system, working people who are or have been insured with general employment insurance and have completed the education or training programs specified by the Ministry of Health, Labour and Welfare are eligible for aid in the form of Education and Training Benefit from Public Employment Security Office that cover part of the tuition paid for courses. The purpose of these benefit is to support primary of human resources development among workers and to facilitate employment stability and reemployment.

If the students satisfy set requirements related to employment insurance (For more details, please see the website of the Ministry of Health, Labour and Welfare, or contact the nearest Public Employment Security Office.) attend the course, 40% of admission and tuition fees will be provided to them in accordance with set requirements based on the student's application. In addition, if the students complete and graduate Master's degree (engineering, philosophy) and take a job, 20% of admission and tuition fees will be added to the amount. (The annual upper limit of the benefit is 480,000yen)

17. Security Export Control

Nagoya Institute of Technology has established the "Nagoya Institute of Technology Security Export Control regulations" in accordance with the "Foreign Exchange and Foreign Trade Act", and rigorously screens potential international students on the basis of these regulations. International applicants who fall under any of the conditions set out in said regulations may be unable to enter their desired course or program.

Access the following webpage for more details:

<http://www.meti.go.jp/policy/anpo/englishpage.html>

https://www.nitech.ac.jp/eng/about/regulations/files/c-1_Security_Export_Control_Regulations.pdf

18. Contact Information

For inquiries about the Application Guide, please contact us by e-mail or telephone.

Admissions Division, Nagoya Institute of Technology
Gokiso-cho, Showa-ku, Nagoya City 466-8555
Telephone: +81-52-735-5083
Fax: +81-52-735-5084
E-mail: nit.nyushi@adm.nitech.ac.jp

Appendix: Selection Questions

The questions you may select are determined by your preferred department. The questions that correspond to each department are indicated by circles in the table below. You must select three of those questions

| Question No. | Question subject | LC | PE | EM | CS | AC |
|--------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1 | Calculus and Linear Algebra | <input type="radio"/> | <input type="radio"/> | | <input type="radio"/> | |
| 2 | A [Inorganic chemistry], B [Synthesis of inorganic materials] | <input type="radio"/> | | | | |
| 3 | A [Organic chemistry], B [Polymer synthesis] | <input type="radio"/> | | | | |
| 4 | [Polymer science] | <input type="radio"/> | | | | |
| 5 | A [Basic physical chemistry], B [Polymer physical chemistry] | <input type="radio"/> | | | | |
| 6 | A [Analytical chemistry], B [Structural analysis and characterization of inorganic materials] | <input type="radio"/> | | | | |
| 7 | A [Polymer material properties], B [Biochemistry] | <input type="radio"/> | | | | |
| 8 | A [Chemical engineering], B [Physical properties of inorganic materials] | <input type="radio"/> | | | | |
| 9 | Physical chemistry | <input type="radio"/> | <input type="radio"/> | | | |
| 10 | Crystallography | <input type="radio"/> | <input type="radio"/> | | | |
| 11 | Materials physics | <input type="radio"/> | <input type="radio"/> | | | |
| 12 | Materials processing | <input type="radio"/> | <input type="radio"/> | | | |
| 13 | Quantum mechanics | | <input type="radio"/> | <input type="radio"/> | | |
| 14 | Electric circuits, electronic circuits | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| 15 | Electromagnetics | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| 16 | Electronic properties | | <input type="radio"/> | <input type="radio"/> | | |
| 17 | Control engineering | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| 18 | Mechanics and material mechanics | | <input type="radio"/> | <input type="radio"/> | | |
| 19 | Fluids Engineering | | <input type="radio"/> | <input type="radio"/> | | |
| 20 | Thermodynamics | | <input type="radio"/> | <input type="radio"/> | | |
| 21 | Materials and processing | | <input type="radio"/> | <input type="radio"/> | | |
| 22 | Computer software | | | | <input type="radio"/> | |
| 23 | Computer hardware | | | | <input type="radio"/> | |
| 24 | Information theory | | | <input type="radio"/> | <input type="radio"/> | |
| 25 | Mathematics 1 | | | | <input type="radio"/> | |
| 26 | Mathematics 2 | | | | <input type="radio"/> | |
| 27 | Architectural materials and structures | | | | | <input type="radio"/> |
| 28 | Architectural environments | | | | | <input type="radio"/> |
| 29 | Architectural, planning design and history | | | | | <input type="radio"/> |
| 30 | Design theory | | | | | <input type="radio"/> |
| 31 | Design production | | | | | <input type="radio"/> |
| 32 | Structural mechanics and concrete engineering for civil engineering | | | | | <input type="radio"/> |
| 33 | Hydraulics and geomechanics for civil engineering | | | | | <input type="radio"/> |
| 34 | Planning for civil engineering | | | | | <input type="radio"/> |
| 35 | Industrial strategy | | | | | <input type="radio"/> |
| 36 | Operations management | | | | | <input type="radio"/> |
| 37 | Human resources and systems management | | | | | <input type="radio"/> |
| 38 | Mathematical analysis for management | | | | | <input type="radio"/> |
| Note 1: | Some questions are further divided into subject categories A and B. This means that the examinee gets a choice of which question to answer. For example, question 3 gives the examinee the choice of answering either question A [Organic chemistry] or question B [Polymer synthesis] | | | | | |
| Note 2: | LC = Life Science and Applied Chemistry PE = Physical Science and Engineering EM = Electrical and Mechanical Engineering CS = Computer Science AC = Architecture, Civil Engineering and Industrial Management Engineering | | | | | |

Scope of Questions Covered by Each Question Subject

| No. | Question subject | Question scope |
|-----|---|--|
| 1 | Calculus and Linear Algebra | Calculus and Linear Algebra (focused on calculation problems), but excluding ordinary differential equations |
| 2 | A [Inorganic chemistry] B [Synthesis of inorganic materials] | A: General inorganic chemistry, complex chemistry, electrochemistry, bio-inorganic chemistry B: The basics of inorganic materials, such as materials chemistry, as well as thermodynamics, organization control, ceramics surface chemistry, synthesis of crystalline materials and amorphous materials, etc. |
| 3 | A [Organic chemistry] B [Polymer synthesis] | A: General organic chemistry, natural products chemistry, bioorganic chemistry, etc. B: Chain polymerization, successive polymerization, polymer reaction, characterization, etc. |
| 4 | [Polymer science] | Design, properties, structure, and functionality of natural polymers and synthetic polymers |
| 5 | A [Basic physical chemistry] B [Polymer physical chemistry] | A: Chemical thermodynamics, quantum chemistry / structural chemistry B: Physical chemistry of polymer solutions, liquids, and solids, polymer structure, etc. |
| 6 | A [Analytical chemistry] B [Structural analysis and characterization of inorganic materials] | A: Chemical equilibrium for use in analysis, solvent extraction, chromatography, electrochemical analysis, spectroscopic analysis, mass spectrometry, etc. B: Inorganic structural chemistry, quantum chemistry, crystallography, structural analysis, materials analysis, etc. |
| 7 | A [Polymer material properties] B [Biochemistry] | A: Polymer material characteristics, rubber elasticity, viscoelasticity, time/temperature conversion rules, etc. B: Enzyme reaction, enzyme activity regulation, energy metabolism of mammals, metabolic regulation by hormones |
| 8 | A [Chemical engineering] B [Physical properties of inorganic materials] | A: Basic chemical engineering, transport phenomena B: Revealing the properties and structure of inorganic materials, including electronic properties, materials science, and material strength studies |
| 9 | Physical chemistry | Thermodynamics, thermal properties, quantum properties |
| 10 | Crystallography | Crystal analysis, structure analysis, material structure, metallic materials |
| 11 | Materials physics | Mechanical properties, electronic physical properties, functional materials |
| 12 | Materials processing | Environmental materials chemistry, physical chemistry, material processing |
| 13 | Quantum mechanics | Basic framework of quantum mechanics, problems of bound states and scattering states in spatial one-dimensional systems |
| 14 | Electric circuits, electronic circuits | Transient phenomena in direct current circuits, alternating current circuit theory (excluding three-phase alternating current circuits), bipolar transistor amplifiers and operational amplifiers |
| 15 | Electromagnetics | Electrostatic fields, stationary current, static magnetic fields, electromagnetic induction (excluding electromagnetic waves) |
| 16 | Electronic properties | Crystal structures, energy bands, metals/semiconductors/insulators, density of states, Fermi level, electrons and holes, electrical conduction, the Hall effect |
| 17 | Control engineering | Laplace transform, transfer functions, block diagrams, system response, frequency response, system stability |
| 18 | Mechanics and material mechanics | Basic knowledge of statics and dynamics of material particles and rigid bodies; momentum, impulse and energy; strain and stress; tension and twist of bars; bending of beams, etc. |
| 19 | Fluids Engineering | Hydrostatics, one-dimensional flow (including Bernoulli's theorem), momentum theory, dimensional analysis, pipe flow, basic equations of fluid mechanics, potential flow |
| 20 | Thermodynamics | First law, second law, ideal gas, general thermodynamic relations, gas cycles, steam cycles, effective utilization of thermal energy, etc. |
| 21 | Materials and processing | Basic matters of mechanics of plasticity; fundamental knowledge of basic machine materials |

| | | |
|----|---|---|
| 22 | Computer software | Data structures and algorithms, formal language and automata, mathematics for computer science |
| 23 | Computer hardware | Computer fundamentals, logic circuits, computer structure |
| 24 | Information theory | Entropy, source coding, channel coding |
| 25 | Mathematics 1 | Complex analysis, vector analysis, differential equations (including Fourier series) |
| 26 | Mathematics 2 | Questions that test the applicant's mathematical thinking skills through a range of mathematics that includes the theoretical side of probability, sets and topology, calculus and linear algebra |
| 27 | Architectural materials and structures | All aspects of architectural materials, construction methods, and architectural structures |
| 28 | Architectural environments | All aspects of architectural environments and equipment |
| 29 | Architectural, planning design and history | All aspects of architectural and urban planning, architectural design and architectural history |
| 30 | Design theory | All aspects of design theory |
| 31 | Design production | All aspects of design production |
| 32 | Structural mechanics and concrete engineering for civil engineering | Structural mechanics and concrete engineering, in general, in the field of civil engineering |
| 33 | Hydraulics and geomechanics for civil engineering | Environmental hydraulics, soil mechanics and geotechnical engineering, in general, in the field of civil engineering |
| 34 | Planning for civil engineering | Infrastructure planning in the field of civil engineering (linear programming, queuing theory, cost-benefit analysis, mean deviation testing, regression analysis, process management) and civil engineering ethics |
| 35 | Industrial strategy | Management strategy, marketing, business management |
| 36 | Operations management | Production management, project management, project systems engineering, risk management |
| 37 | Human resources and systems management | Systems approach, human factors, management psychology |
| 38 | Mathematical analysis for management | Quality management, engineering economy, operations research |

Applying under Eligibility Requirements (9), (10), (11), or (12)

Applicants applying under eligibility requirements (9), (10), (11), or (12) should be aware of the following.

1. Admission eligibility evaluation

Successful applicants must submit the “Documents needed for evaluation” described in item 2. Admission eligibility will then be evaluated.

If the evaluation determines that the applicant does not satisfy the requirements described in item 3, that applicant’s eligibility will be rescinded.

2. Documents needed for evaluation

(1) Academic records up to the student’s third year (produced and sealed by the university the applicant is currently attending)

(2) Curriculum (documents indicating graduation requirements, course contents, etc. in detail)

(3) Details regarding the aforementioned required documents and submission deadline will be sent to applicant together with the letter of acceptance.

3. Admission eligibility requirements

To meet the admission eligibility requirements, accepted applicants must satisfy all the following requirements.

(1) Applicants who are in at least their third year at their current university as of March 31, 2019

(2) Applicants who have obtained at least 85% of the credits needed for graduation at their current university as of March 31, 2019

(3) Applicants who have earned a score of 80 points or more out of 100 in at least 80% of all course credits earned in (2).

4. Other Applicants will no longer be attending their current university as an undergraduate as far as that university’s student register is concerned.

Accordingly, applicants should be aware that they will no longer meet examination qualifications for various government examinations that require students to be graduates of university undergraduate programs.

Applying under Eligibility Requirement (13)

1. Applicants applying under eligibility requirement (13) must be graduates of a junior college, college of technology, vocational school, schools in the miscellaneous category and other educational institutions.

2. The Graduate School of Engineering at Nagoya Institute of Technology conducts eligibility evaluations to assess the specifics of each individual’s academic history, practical experience, experience with international activities, etc.

3. Applicants who undergo this evaluation should submit the following documents to the Admissions Division by 16:00 on Monday, May 21, 2018.

(1) Application for the entrance eligibility

(2) Statement of purpose

(3) Documents that provide an overview of the school attended by the applicant and details about its curriculum and academic programs

Note 1: Please contact Admissions Division for application for the entrance eligibility above in (1).

Note 2: Please download and use the statement of purpose form stated above in (2) from the NITech website (<https://www.nitech.ac.jp/examination/in/request.html>).

4. The applicant will be contacted regarding the results of the evaluation by Monday, July 2, 2018.

5. At the time the application eligibility is approved, details regarding application procedures are given.

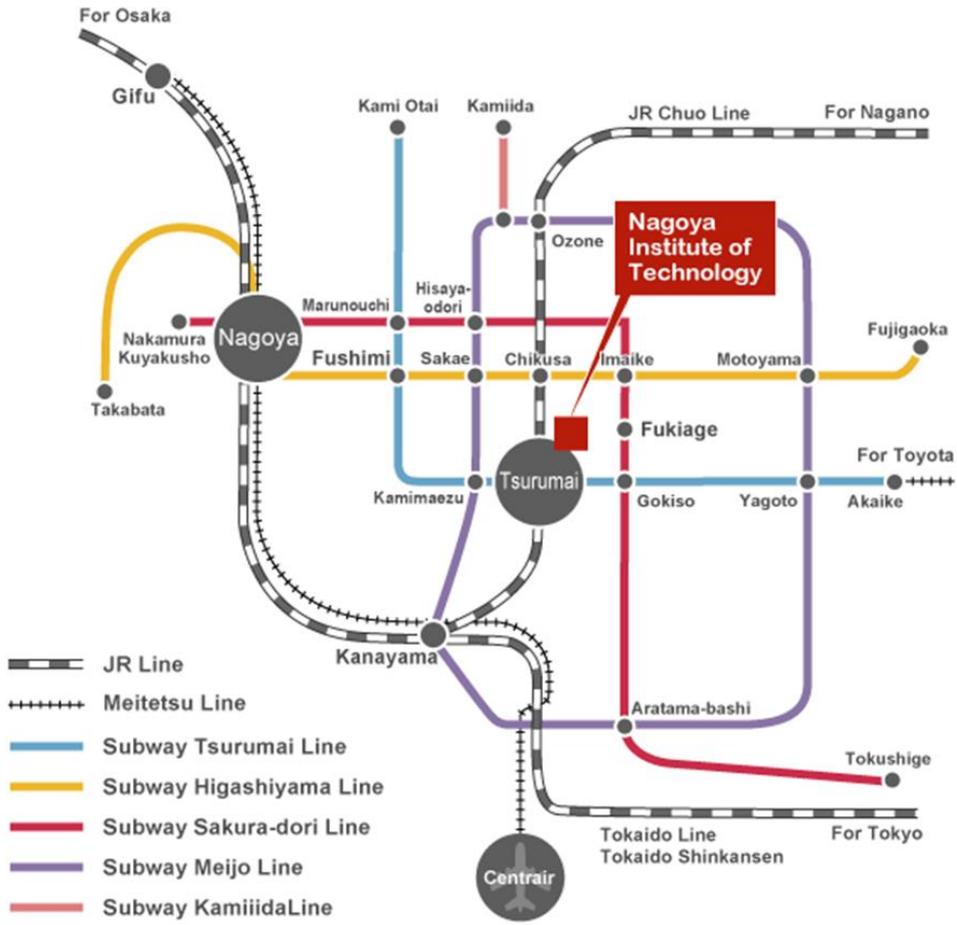
6. Evaluation documents sent after the submission deadline will not be accepted.

About the Oral Examination for Working Adult Students

1. Applicants who wish to take the oral examination for working adult students instead of the field-specific examination (written examination) used for academic evaluation will be evaluated by the Graduate School of Engineering at Nagoya Institute of Technology to determine whether or not they make take the oral examination for working adult students.
2. Those wishing to have the evaluation conducted, submit the following documents in addition to those described in (4) and (5) of “4. [2] Application Documents” on page 7 to the Admissions Division by 4:00 p.m. on Monday, May 21, 2018.
 - (1) Resume
 - (2) Statement of purpose
 - (3) Documents specifying the applicant’s own preferred topics of study while at NITech and a work experience report (copies of research papers, technical reports, patents, practical proposals, etc.) (no format specified)

Note: Please download and use the statement of purpose form stated above in (2) from the NITech website (<https://www.nitech.ac.jp/examination/in/request.html>).

In addition, if receiving application requirement (13)’s admission screening, inform the Admissions Division of that point.
3. The applicant will be contacted regarding the results of the evaluation by Monday, July 2, 2018.
4. At the time of notification of the results, details regarding application procedures are given. Those acknowledged as being able to take the Oral Examination for Working Adult Students or those who are not acknowledged as being able to take the Oral Examination for Working Adult Students who wish to take the Field-specific examination (written examination), move forward with the application procedure based on that information.



Statement of Purpose

| | | | |
|--|---|----------------|---|
| Desired department (field) | Department of (Field) | Examinee's No. | * |
| Graduating university | University: | Furigana | |
| | Department: Graduated/expected to graduate on: / / | Name | |
| Please write about the following items. | | | |
| 1. Subject of graduation thesis (graduation research) | | | |
| | | | |
| 2. Reason for choosing the Department (Graduates of Nagoya Institute of Technology do not need to fill this in.) | | | |
| | | | |
| 3. Subjects which you wish to study at the Graduate School of Engineering and their description | | | |
| | | | |

FY 2019 Graduate School of Engineering, Nagoya Institute of Technology (Master's Degree Program)

Notes:

1. Do not fill in the space marked with an asterisk (*).
2. For the "Reason for choosing the Department" and the "Subjects which you wish to study at the Graduate School of Engineering and their description," please write in about 50 words on each.