

# 2018 Academic Year Third-year Student Application Guidelines

## 2019 Academic Year Third-year Student Application Guidelines (students who expect to graduate from a marine technology program of a technical college or high school in the 2018 academic year)

### A. General Course

Special entrance exam for recommended applicants

Entrance exam for recommended applicants

Academic achievement exam

Entrance exam for international students

Entrance exam for working adult applicants

### B. Global Technology Architects course (GAC)

GAC special entrance exam for recommended students

GAC entrance exam for recommended students

GAC general exam (for Japanese applicants)

GAC general exam (for international students)



Master technology, create technology

**TOYOHASHI**  
UNIVERSITY OF TECHNOLOGY

## **Toyohashi University of Technology's admission policy**

The mission of Toyohashi University of Technology (TUT) is to provide technological education and research with the aim of furthering the science of technological innovation. Based on this mission, we strive to foster engineers and researchers who are practical, creative and possess leadership skills, and who can undertake groundbreaking research to lead the next generation. We also value social diversity and embrace active collaboration with the local community. Through these efforts, we aim to define ourselves as a top class engineering university that is open to the world.

**TUT extensively recruits the following types of students:**

- 1. students who care for humanity and nature and aspire to contribute to local communities and international society,**
- 2. students who aspire to investigate technology and science and possess the basic academic abilities necessary for that study,**
- 3. students with a capacity for independent study, thinking, and action as well as the aspiration to open new horizons in technology and science.**

## **Admission policy for each department**

### **Department of Mechanical Engineering**

For the Department of Mechanical Engineering, the objective is to train engineers who possess not only basic knowledge of various academic fields that form the foundation of mechanical engineering, including dynamics, controls, system engineering, materials engineering, production process engineering, and energy conversion engineering; but also practical, creative, and leadership skills; and the desire and skills to apply that knowledge to the spread of manufacturing and production. Therefore, the department extensively recruits the following types of students:

- students who possess a strong interest in manufacturing and production and a desire to contribute to its development
- students who have a grounding in natural sciences, math, and information technology and want to apply that knowledge
- students with knowledge of mechanical engineering and a strong interest in technology and a desire to acquire extensive knowledge of overall mechanical engineering and take the lead in learning.

### **Courses students should take before entering TUT**

It is best if students acquire the basics of all courses and subjects in line with the educational program stipulated by their particular educational institution, such as technical colleges, so that they can move forward with their studies at university. In order to understand the content of mechanical engineering courses, it is desirable that students acquire an understanding of general education subjects such as English and math and technical subjects stipulated by the each technical college.

As for math, even if students have not studied functions, sequences, vectors, matrices, and integral and differential calculus, it would be best if they study the basics of these subjects on their own because they will be important after students enroll.

## **Department of Electrical and Electronic Information Engineering**

For the Department of Electrical and Electronic Information Engineering, the objective is to train engineers who possess practical, creative, and leadership skills and can play an active role in the fields of basic technology (electrical and electronic materials and energy systems, which support growth of the electrical and electronic information engineering field, etc.), integrated electronic devices and sensors, and telecommunications (wireless communication systems, information networks, etc.). Therefore, the program extensively recruits the following types of students:

- students who have knowledge of electrical and electronic engineering, information communication engineering, and material sciences as well as possessing a strong interest in the related technology,
- students with strong curiosity who desire to actively study with self-awareness,
- students who understand and can apply the fundamentals of math and physics in order to view technology in a scientific manner,
- students who aspire to actively study English and Japanese and to develop advanced self-expression skills.

### **Courses students should take before entering TUT**

It is best if students acquire the basics of all courses and subjects in line with the educational program stipulated by their particular educational institution, such as technical colleges, so that they can move forward with their studies at university.

In order to understand the content of electrical and electronic information engineering subjects, it is desirable that students understand general education subjects such as English and math and technical subjects stipulated by the each technical college.

## **Computer Science and Engineering Department**

For the Computer Science and Engineering Department, the objective is to train engineers who can master 1) the technology of advanced and large-scale information systems for next-generation, 2) the new fields of information science based on the knowledge of life, nature, and society, and 3) their applied technologies. The objective is also to train engineers who can create cutting-edge information systems in various industrial fields and possess practical and creative skills and leadership. Therefore, the department extensively recruits the following types of students:

- students who possess not only a broad interest in information engineering, information communication engineering and information science, but also a desire to develop these cutting-edge fields and expand them into applied fields
- students who possess the basic theoretical knowledge of natural sciences, math, and information science
- students who have mastered the ability to communicate on an international level and are aiming to play a role both in Japan and overseas.

## **Courses students should take before entering TUT**

As for communication abilities, students should possess the ability to explain their own ideas to others.

It is best if students acquire the basics of all courses and subjects in line with the educational program stipulated by their particular educational institution, such as technical colleges, so that they can move forward with their studies at university. In particular, students should have an understanding of English and the following fields of math and technology so that they can understand the content of courses in computer science and engineering.

Math: analysis, algebra, probability

Technical fields: logical circuits and programming

## **Department of Environmental and Life Sciences**

For the Department of Environmental and Life Sciences, the objective is to train engineers who possess a basic knowledge of the fields of life sciences, applied chemistry, and environmental sciences; the desire and skills to develop the knowledge from those fields into technology that supports the next generation by deepening their knowledge as a specialization; and practical, creative, and leadership skills. Therefore, the department extensively recruits the following types of students:

- students who aspire to become engineers who can contribute to the construction and development of a sustainable society that can be a foundation for coexistence between humans and nature
- students who want to become engineers who can make use of leading technology and knowledge in the fields of life sciences, applied chemistry, and environmental sciences
- students who have mastered the ability to communicate on an international level and are aiming to play a role both in Japan and overseas.

## **Courses students should take before entering TUT**

It is best if students acquire the basics of all courses and subjects in line with the educational program stipulated by their particular educational institution, such as technical colleges, so that they can move forward with their studies at university. In particular, students should have an extensive understanding of not only science and technology subjects related to the field they studied but also math, Japanese, and English.

## **Department of Architecture and Civil Engineering**

For the Department of Architecture and Civil Engineering, the objective is to train engineers who have acquired a balanced mastery of the specialized fields of architecture and social infrastructure and possess practical, creative, and leadership skills as well as the ability to not only design urban and rural architectural and social infrastructure facilities and the environments they are located in with an eye toward the future but also to manage them as systems. Therefore, the program extensively recruits the following types of students,

- students who possess an interest in and intellectual curiosity towards a broad range of issues related to human life, including the natural environment, social systems, and local culture
- students who have mastered a sufficient basic theoretical grounding to respond to various problems in the fields of architecture and social infrastructure
- students who possess abundant creative ideas and the desire to independently and actively work to resolve difficult problems

## **Courses that students should take before entering TUT**

It is best if students acquire the basics of all courses and subjects in line with the educational program stipulated by their particular educational institution, such as technical colleges, so that they can move forward with their studies at university. In particular, students should understand not only the specialized fields of architecture and civil engineering, which are required subjects to understand the courses in architecture and urban systems, but also what they have learned about math, science, Japanese, and English.

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# Third-year Student Application Guidelines

The following nine methods are used to select incoming third-year students:

## A. General course

- (1) Special entrance exam for recommended applicants
- (2) Entrance exam for recommended applicants
- (3) Academic achievement exam
- (4) Entrance exam for international students
- (5) Entrance exam for working adult applicants

## B. Global Technology Architects course (GAC)

- (1) GAC special entrance exam for recommended applicants
- (2) GAC entrance exam for recommended applicants
- (3) GAC general entrance exam (for Japanese applicants)
- (4) GAC general entrance exam (for international students)

\* "GAC" is an abbreviation for the Global Technology Architects course. The same applies hereafter.

## I. Number of applicants to be accepted

The number of applicants to be accepted through each type of exam and for each program are provided below.

### A. General course

	Program	Applicants to be accepted	Entrance exam category (people)				
			(1) Special entrance exam for recommended applicants	(2) Entrance exam for recommended applicants	(3) Academic achievement exam	(4) International students	(5) Working adult applicants
Departments of engineering	Mechanical engineering	81	15	42	39	Few	Few
	Electrical and electronic information engineering	69		36	33	Few	Few
	Computer science and engineering	69		36	33	Few	Few
	Environmental and life sciences	47		24	23	Few	Few
	Architecture and civil engineering	44		23	21	Few	Few
Total		310		161	149	Few	Few

- Notes: 1. Regarding the special entrance exam for recommended applicants, the overall number of applicants to be accepted is given. The number is not broken down for each program.
2. The number of applicants accepted for each program through the entrance exam for recommended applicants includes those accepted through the special entrance exam for recommended applicants (15 places).
3. Applicants accepted through the special entrance exam for recommended applicants are assigned to their desired program.

### B. Global Technology Architects course (GAC)

	Program	Applicants to be accepted	Entrance exam category (people)			
			(1) GAC special entrance exam for recommended applicants	(2) GAC entrance exam for recommended applicants	(3) GAC general entrance exam (for Japanese applicants)	(4) GAC general entrance exam (for international students)
Departments of engineering	Mechanical engineering	14	1	13	4	4
	Electrical and electronic information engineering	11	1		4	3
	Computer science and engineering	11	1		4	3
	Environmental and life sciences	8	1		3	3
	Architecture and civil engineering	6	1		2	2
Total		50	5	13	17	15

- Note: 1. For the special entrance exam for recommended applicants, the overall number of applicants to be accepted is given. The number is not broken down for each program.
2. Applicants accepted through the GAC entrance exam for recommended applicants are assigned to their desired program.

### Selection schedule for 3rd year incoming students

	A. General course			B. GAC		
	(1)Special entrance exam for recommended applicants	(2)Entrance exam for recommended applicants	(3)Academic achievement exam (4)Entrance Exam for international students (5)Entrance exam for working adult applicants	(1)GAC special entrance exam for recommended	(2)GAC entrance exam for recommended applicants	(3) (4)GAC general exam (for Japanese or international students)
Middle of April	Registration period (April 12 - April 27)					
End of April	Application period (April 19 - April 28)					
Beginning of May		Document screening				First round of screening (document screening)
Middle of May	Exam days (May 25 - 26)					Results of first round of screening (May 19)
End of May				Entrance exam (May 25 - 26)		Second round of screening (Exam day: May 30)
Beginning of June						
Middle of June	Announcement of successful applicants (June 12)			Announcement of successful applicants (June 12)		
End of June			Exam day (June 24)			
Beginning of July						
Middle of July			Announcement of successful applicants (July 14)			

#### 【Other entrance exams that applicants can take if they fail the first exam】

In case applicants fail the first exam, they can take other exams marked with a circle (o) only if they indicated their desire to do so in the “desire to take exam” section when registering their application. In this case, it is not necessary to submit the application material or pay the exam fee for the second exam.

		Exams that applicants can take if they fail the first exam			
		A. General course			B. GAC
		Entrance exam for recommended applicant	Academic achievement entrance exam	Entrance exam for international students	GAC entrance exam for recommended students
First exam taken	A. General course	Special entrance exam for recommended applicants	○		
		Entrance exam for recommended applicants		○	○
	B. GAC	GAC special entrance exam for recommended applicants			○
		GAC entrance exam for recommended applicants		○	
		GAC general entrance exam (Japanese students)		○	
		GAC general entrance exam (international students)			○

- Note
1. Only exams marked with a circle (o) can be taken.
  2. If applicants can pass the second-choice program of the first exam, they cannot take other exams even if they indicated their desire to do so in the “desire to take exam” section when registering their application.

## II. Method for applying and taking the entrance exam

### A General course

#### 1. Special entrance exam for recommended applicants

##### (1) Eligible parties

Students of technical colleges who expect to graduate in the 2017 academic year (however, for parties studying marine technology at either a marine technology technical college or technical college, those who expect to graduate in the 2018 academic year) whom the president of the college they are attending can responsibly recommend, as well as meeting the following requirements

(1) Recognized to possess the quality to become a next generation leader

(2) Recognized to possess outstanding character, academic abilities and physical and mental health

(3) Having an overall grade point average of 4.3 or greater and ranked in the top three in terms of grades in their fourth year in each of their classes

In this case, it is not possible to recommend the same student for other national universities.

The rest is omitted.

## 2. Entrance exam for recommended students

### (1) Eligible parties

Students of technical colleges who expect to graduate in the 2017 academic year (however, for parties who are studying marine technology at either a marine technology technical college or technical college, those who expect to graduate in the 2018 academic year), have some of the top grades at their school, are recognized as possessing outstanding character and academic ability and being physically and mentally healthy, and whom the president of the college they are attending can responsibly recommend.

In this case, it is not possible to recommend the same student for other national universities.

The rest is omitted.

### 3. Academic achievement exam

#### (1) Eligible parties

Parties who meet one of the following requirements are eligible to apply.

- a. Graduated from a technical college or expect to do so in the 2017 academic year (for marine technology departments at marine technical colleges or technical colleges, parties who expect to graduate in 2018 academic year)
- b. Graduated from a junior college or expect to do so in the 2017 academic year
- c. Attended a college or university for at least two years (excluding leaves of absence) and have earned 65 or more credits or expected to do so by March 31, 2018 (including those who will have been enrolled at college for two or more years by March 31, 2018)
- d. Completed a technical program at an advanced vocational school that meets criteria stipulated by the Minister of Education, Culture, Sports, Science and Technology or expect to do so in the 2017 academic year (limited to those eligible to enroll at university as stipulated in Article 90, Item 1, of the School Education Act)
- e. Completed a major at a high school (including the latter course of a secondary educational school and senior school course of a special vocational school, that is at least two years long) that meets criteria stipulated by the Minister of Education, Culture, Sports, Science and Technology or expect to do so in the 2017 academic years (limited to those eligible to enroll at university as stipulated in Article 90, Item 1, of the School Education Act)
- f. Graduated from a junior college in a foreign country or expect to do so or parties who have completed a program designated separately by the Minister of Education, Culture, Sports, Science and Technology in Japan at a facility with a junior college program and positioned as an educational institution within the education system of a foreign country, or expect to do so in the 2017 academic year (limited to those eligible to enroll at university as stipulated in Article 90, Item 1, of the School Education Act)
- g. Completed a fourteen-year educational program in a foreign country or expect to do so in the 2017 academic year
- h. Completed a fourteen-year educational program by taking classes in Japan through correspondence course conducted by the school in a foreign country or expect to do so in the 2017 academic year
- i. Possess qualifications equivalent or greater than those in a.–h. above

Notes 1. For requirement d., “criteria stipulated by the Minister of Education, Culture, Sports, Science and Technology” refers to “requiring at least two years to complete the course of study and at least 1,700 hours of class time to complete the program.”

2. Applicants applying meeting one of the requirements g.–i. should contact the Entrance Examination Division **by no later than April XX, 2017**, so that their eligibility can be checked.

3. Credits successful applicants earned at schools attended before enrolling at TUT are generally recognized after applicants enroll, but they may not be recognized depending on the subject. There are situations when students must attend TUT for at least three years to satisfy the credit requirements.

#### (2) Program selection

Applicants can select up to two programs they would like to study from those listed in section “I. Number of applicants accepted” on page 1.

Applicants should select exam subjects (technical subjects) for the academic achievement exam from those given in the **Table of Technical Subjects by Desired Program** on page 8.

(3) How successful applicants are selected

The examinations will be held only in Japanese.

The selection of successful applicants is made as an overall judgment based on various factors, such as the academic achievement exam and the report submitted by the president of the applicant's college.

Details of the academic achievement exam are provided below.

1. For general subjects, the exam consists of written tests for Japanese and English
2. For technical subjects, the exam consists of written tests for the following subjects.

It should be noted that for applicants who select environmental and life sciences program as their desired program, an interview exam is conducted instead of a technical subject written exam.

- Applied math
- Technical subject for desired program\*
- Interview (only for environmental and life sciences program)\*

\* See Table of **Technical Subjects by Desired Program** on page 8.

The point distributions for the academic achievement exam subjects, etc., are given below.

- Point distribution for mechanical engineering, electrical and electronic information engineering, computer science and engineering, and architecture and civil engineering programs

Subject	General subjects		Technical subject		Total
	Japanese	English	Applied math	Technical subject for particular desired program	
Points	100	150	100	150	500

- Point distribution for environmental and life sciences program

Subject	General subjects		Technical subject		Total
	Japanese	English	Applied math	Interview*	
Points	100	150	100	150	500

\* In the interview, the applicant's motivation for their desired programs, desire to study, basic academic abilities, theoretical thinking, and communication abilities are comprehensively evaluated.

(4) Date and location of academic achievement exam

Date	Subject		Time	Location
June 24	General subject	Japanese	9:00 a.m.–10:00 a.m. (60 minutes)	Toyohashi University of Technology
		English	10:30 a.m.–12:00 (noon) (90 minutes, which includes listening)	
	Technical subject	Applied math	1:00 p.m.–2:00 p.m. (60 minutes)	
		Technical subjects for desired program (all programs except environmental and life science)	2:30 p.m.–4:00 p.m. (90 minutes)	
		Interview (environmental and life science program)	2:30 p.m.–	

\* Before taking the exam, applicants should carefully read section "IV. Advice for Applicants" on page 20.

(5) Announcement of successful applicants

The exam number of successful applicants will be posted at TUT at 10:00 p.m., July 14, 2017.

An Admission Notification will be sent to successful applicants. In addition, the exam number of successful applicants will be posted on TUT's website (entrance exam information) at 11:00 a.m. on the same day as reference. TUT does not respond to inquiries regarding exam results by phone, etc.

Successful applicants will be notified of enrollment procedure details in mid-January 2018 (**for those in the field of maritime technology, in mid-January 2019**).

## 4. Entrance exam for international students

### (1) Eligible parties

Parties with a “student” status of residence as stipulated in Japan’s Immigration Control and Refugee Recognition Act and parties who can change their status of residence to “student” after enrolling in the university and who meet one of the requirements in (1)Eligible parties (a.–i.) on page 5.

### (2) Program selection

Applicants can select up to two programs they would like to study from those given in section “I. Number of applicants to be accepted” on page 1. Applicants should select exam subjects (technical subjects) for the academic achievement exam from those given in the Table of Technical Subjects by Desired Program on page 8.

### (3) How successful applicants are selected

The examinations will be held only in Japanese.

#### a. How successful applicants are selected

Applicants are selected as explained in section (3) on page 6, but for the academic achievement exam, applicants are exempted from the general subject Japanese.

The point distribution for academic achievement exam, etc., is given below.

- **Point distribution for mechanical engineering, electrical and electronic information engineering, computer science and engineering, and architecture and civil engineering programs**

Subject	General subject	Technical subject		Total
	English	Applied math	Technical subject for desired program	
Points	150	100	150	400

- **Point distribution for environmental and life sciences program**

Subject	General subjects	Technical subject		Total
	English	Applied math	Interview*	
Points	150	100	150	400

\*In the interview, the applicant’s motivation for their desired programs, desire to study, basic academic abilities, theoretical thinking, and communication abilities are comprehensively evaluated.

#### b. Technical subject by desired program.

Applicants should select the necessary exam subjects (including interview) from the **Table of Technical Subjects by Desired Program** on page 8.

### (4) Date and location of academic achievement exam

Date	Subject		Time	Location
June 24	General subject	English	10:30 a.m.–12:00 (noon) (90 minutes, which includes listening)	Toyohashi University of Technology
		Technical subjects	Applied math	
	Technical subjects for desired program (all programs except for environmental and life science)		2:30 p.m.–4:00 p.m. (90 minutes)	
	Interview (environmental and life science program)		2:30 p.m.–	

\* Before taking the exam, applicants should carefully read section “IV. Advice for Applicants” on page 20.

(5) Announcement of successful applicants

The exam number of successful applicants will be posted at TUT at 10:00 p.m., July 14, 2017.

An Admission Notification will be sent to successful applicants. In addition, the exam number of successful applicants will be posted on TUT's website (entrance exam information) at 11:00 a.m. on the same day as reference. TUT does not respond to inquiries regarding exam results by phone, etc.

Successful applicants will be notified of enrollment procedure details in mid-January 2018 **(for those in the field of maritime technology, in mid-January, 2019)**.

### Table of Technical Subjects by Desired Program

Using the following table as reference, applicants should select one subject from (1)–(6) (subject code) when applying.

For applicants who select the environmental and life sciences program as their second-choice program, it is not necessary to undergo the interview conducted for the same program. (Taking the written test for the technical subject for their first-choice program can replace the interview exam).

First-choice program	Subjects	Programs that can be selected as second-choice program based on the subject that applicants select
Mechanical engineering	1 subject from (1)–(3)	Electrical and electronic information engineering program (only if (2) is selected) Computer science and engineering program Environmental and life sciences program
Electrical and electronic information engineering	(2)	Mechanical engineering program Computer science and engineering program Environmental and life sciences program
Computer science and engineering	1 subject from (1)–(5)	Mechanical engineering program (only if (1)–(3) is selected) Electrical and electronic information engineering program (only if (2) is selected) Environmental and life science program Architecture and civil engineering program (only if (4) or (5) is selected)
Environmental and life science	(6)	
Architecture and civil engineering	Either (4) or (5)	Computer science and engineering program Environmental and life sciences program

Notes 1 The figures in parenthesis in the above table are technical subject code, and the actual subject name, etc., is given below.

- (1) Basic technical subjects related to mechanical engineering
- (2) Basic technical subjects related to electrical and electronic information engineering
- (3) Basic technical subjects related to computer science and engineering
- (4) Basic technical subjects related to architecture
- (5) Basic technical subjects related to civil engineering
- (6) Interview

2. The following are the details on the type of questions and how to choose.

- (1) Answer all four questions on hydrodynamics and fluid dynamics; thermodynamics; materials dynamics; and process sciences and materials.
- (2) Select and answer three questions from the fields of electromagnetism, electrical circuits, electronic circuits, information and communications, and physical chemistry.
- (3) There are questions from the fields of math (analysis, algebra, and probability), theoretical circuits, programing (including data structure and algorithms)
- (4) There are questions from the fields of structures, environment, and planning.
- (5) There are questions from the fields of structures, hydraulics, and civil engineering planning.

## 5. Entrance exam for working adult applicants

### (1) Eligible parties

Parties who graduated from a technical college and meet one of the application requirements on page 5 (a.– i.), will have worked at the same company for at least two years as a regular employee by March 31, 2018, are recognized to have outstanding performance by the head of the organization they belong to, and desire to enroll while continuing to work.

### (2) Program selection

Applicants can select up to two programs they would like to study from those listed in section “I. Number of applicants accepted” on page 1. Applicants should select exam subjects (technical subjects) for the academic achievement exam from those given in the Table of Technical Subjects by Desired Program on page 8.

### (3) How successful applicants are selected

The examinations will be only in Japanese.

Selection of applicants is conducted as explained in section (3) on page 6. In addition to the academic achievement exam, there is an oral exam and interview on various topics including the basics of the engineering that the applicant wants to study and the submitted performance report.

The point distribution for academic achievement exam, etc., is given below.

Subject	General subject		Technical subject	Oral exam and interview	Total
	Japanese	English	Applied math		
Points	100	150	100	150	500

### (4) Time and location of academic achievement test, oral exam, and interview

Date	Subject		Time	Location
June 24	General subjects	Japanese	9:00 a.m.–10:00 a.m. (60 minutes)	Toyohashi University of Technology
		English	10:30 a.m.–12:00 (noon) (90 minutes, including listening)	
	Technical subject	Applied math	1:00 p.m.–2:00 p.m. (60 minutes)	
	Oral exam and interview		2:30 p.m.–	

\* Before taking the exam, applicants should carefully read section “IV. Advice for Applicants” on page 20.

### (5) Announcement of successful applicants

The exam number of successful applicants will be posted at TUT at 10:00 p.m., July 14, 2017.

An Admission Notification will be sent to successful applicants. In addition, the exam number of successful applicants will be posted on TUT’s website (entrance exam information) at 11:00 a.m. on the same day as reference. TUT does not respond to inquiries regarding exam results by phone, etc.

Successful applicants will be notified of enrollment procedure details in mid-January 2018 (**for those in the field of maritime technology, in mid-January 2019**).

### (6) How successful applicants are handled

The status of successful applicants after being admitted is based on the stipulations of the company successful applicants belong to.

## B. Global Technology Architects course (hereafter, "GAC")

### 1. GAC special entrance exam for recommended applicants

#### (1) Eligible parties

Students of technical colleges who are Japanese nationals or have permanent residence status, expect to graduate from a technical college in the 2017 academic year (however, for parties who are studying marine technology at either a marine technology technical college or technical college, those who expect to graduate in the 2018 academic year), meet all of the following conditions, and who the president of their college can responsibly recommend.

- ① Are recognized to possess the quality to become a next generation leader
- ② Are recognized to possess outstanding character and academic abilities and are physically and mentally healthy
- ③ Have an overall grade point average of 4.3 or greater and are ranked in the top five in terms of grades in their 4th year in each of their classes
- ④ Have taken the TOEIC (SP, IP), TOEFL (iBT, PBT), or IELTS English proficiency test since April 2015 and meet one of the following criteria.

TOEIC (SP)	400	points
TOEIC (IP)	400	points
TOEFL (iBT)	40	points
TOEFL (PBT)	430	points
IELTS	3.5	points

\* For the TOEIC (IP), this is limited to parties who take it at the technical college they attend.

In this case, it is not possible to recommend the same student for other national universities.

The rest is omitted.

## 2. GAC entrance exam for recommended applicants

### (1) Eligible parties

Students of technical colleges who are Japanese nationals or have permanent residence status, expect to graduate from a technical college in 2017 academic year (however, for students who are studying marine technology at either a marine technology technical college or technical college, those who expect to graduate in the 2018 academic year), have some of the top grades at their school, are recognized as possessing outstanding character and academic ability and being physically and mentally healthy, meet the following requirements, and whom the president of the college they are attending can responsibly recommend.

Have taken the TOEIC (SP, IP), TOEFL (iBT, PBT), or IELTS English proficiency test since April 2015 and have achieved one of the following criteria.

For TOEIC (IP), only those who took the exam at the technical college they attend.

	Class ranking (average ranking for junior and senior year)	English Proficiency Test (minimum score for each level) (points)				
		TOEIC (SP)	TOEIC (IP)	TOEFL (iBT)	TOEFL (PBT)	IELTS
Level 1	10% or less	400	400	40	430	3.5
Level 2	20% or less	450	450	45	450	4.0
Level 3	30% or less	500	500	52	470	4.5
Level 4	----	550	550	60	500	5.0

In this case, it is not possible to recommend the same student for other national universities

The rest is omitted.

### 3. GAC general entrance exam (for Japanese)

The rest is omitted.

#### 4. GAC general entrance exam (for international students)

##### (1) Eligible parties

Parties with a “student” status of residence as stipulated in Japan’s Immigration Control and Refugee Recognition Act and parties who can change their status of residence to “student” after enrolling in the university and who meet one of the conditions listed in (A) (a.–i.) and the condition listed in (B).

- (A)
- a. Graduated from a technical college or expect to do so in the 2017 academic year (for marine technology departments at marine technical colleges or technical colleges, parties who expect to graduate in 2018 academic year)
  - b. Graduated from a junior college or expect to do so in the 2017 academic year
  - c. Attended a college or university for at least two years (excluding leaves of absence) and have earned 65 or more credits or expect to do so by March 31, 2018 (including those who will have been enrolled at college for two or more years by March 31, 2018).
  - d. Completed a technical program at an advanced vocational school that meets criteria stipulated by the Ministry of Education, Culture, Sports, Science and Technology or expect to do so in the 2017 academic year (limited to those eligible to enroll at university as stipulated in Article 90, Item 1, of the School Education Act)
  - e. Completed a major at a high school (including the latter course of a secondary educational school and senior school course of a special vocational school, that is at least two years long) that meets criteria stipulated by the Ministry of Education, Culture, Sports, Science and Technology or expect to do so in the 2017 academic years (limited to those eligible to enroll at university as stipulated in Article 90, Item 1, of the School Education Act)
  - f. Graduated from a junior college in a foreign country or expect to do so or have completed a program designated separately by the Ministry of Education, Culture, Sports, Science and Technology in Japan at a facility with a junior college program and positioned as an educational institution within the education system of a foreign country, or expect to do so in the 2017 academic year (limited to those eligible to enroll at university as stipulated in Article 90, Item 1, of the School Education Act)
  - g. Completed a fourteen-year educational program in a foreign country or expect to do so in the 2017 academic year
  - h. Completed a fourteen-year educational program by taking classes in Japan through correspondence course conducted by a school in a foreign country or expect to do so in the 2017 academic year
  - i. Possess qualifications equivalent or greater than those in a.–h. above

- Notes
1. For requirement d., “criteria stipulated by the Ministry of Education, Culture, Sports, Science and Technology” refers to “requiring at least two years to complete the course of study and at least 1,700 hours of class time to complete the program.”
  2. Applicants applying since they meet one of the requirements g.–i. should contact the Entrance Examination Division in advance **by no later than April XX, 2017**, so that their eligibility to apply can be checked.
  3. Credits successful applicants earned at schools attended before enrolling at TUT are generally recognized after applicants enroll, but they may not be recognized depending on the subject. There are situations when students must attend TUT for at least three years to satisfy the credit requirements.

- (B) Have taken the TOEIC (SP, IP), TOEFL (iBT, PBT), or IELTS English proficiency test since April 2015 and have achieved one of the following criteria.

Graduate of a technical college (meet requirement (A) a.)

Achieved one of the following levels (1–4).

For TOEIC (IP), only those who took the exam at the technical college they attend.

	Class ranking (average ranking for junior and senior year)	English Proficiency Test (minimum score for each level) (points)				
		TOEIC (SP)	TOEIC (IP)	TOEFL (iBT)	TOEFL (PBT)	IELTS
Level 1	10% or less	400	400	40	430	3.5
Level 2	20% or less	450	450	45	450	4.0
Level 3	30% or less	500	500	52	470	4.5
Level 4	— — —	550	550	60	500	5.0

Not a graduate of a technical college (meet requirement other than a. in (A) on page 13.)

Achieved one of the following levels.

English proficiency test (minimum score)			
TOEIC (SP)	TOEFL (iBT)	TOEFL (PBT)	IELTS
550	60	500	5.0

- (2) Program selection

Applicants can select up to two programs they would like to study from those given in section “I. Number of applicants accepted” on page 1.

- (3) How successful applicants are selected

The selection of successful applicants consists of a first round of screening submitted material and a second round of screening based on an interview of applicants who make it through the first round of screening.

- a. First round of screening (submitted material screening)

The selection of successful applicants made as an overall judgment based on; the report submitted by the president of the applicant’s college (for applicants who are not technical college students, the transcripts and letter of recommendation), statement of reason for applying (English or Japanese), essay (English or Japanese), and English proficiency test scores.

- b. Second round of screening (final screening)

The decision is based on the interview.

- ① Interview (both English and Japanese)

The applicant’s aptitude for study at the university is judged using various factors including desire to study, interest in technology, reason for wanting to make contributions on an international level, self-promotion, etc.

- ② Evaluation criteria

Various aspects including character, abilities, desire to study at TUT, and aptitude for doing so are evaluated.

- ③ Date and location of the interview

Date: May 30, 2017\*

\* The interview time is given on the admission notification of the first round of screening.

Location: Toyohashi University of Technology

- (4) Announcement of successful applicants

- a. First round of screening (submitted material screening)

The exam number of successful applicants will be posted at TUT at 10:00 p.m., May 19, 2017.

An Admission Notification will be sent to successful applicants. In addition, the exam number of successful applicants will be posted on TUT’s website (entrance exam information) at 11:00 a.m. on the same day as reference. TUT does not respond to inquiries regarding exam results by phone, etc.

b. Second round of screening (final selection)

The exam number of successful applicants will be posted at TUT at 10:00 p.m., June 12, 2017.

An Admission Notification will be sent to successful applicants. In addition, the exam number of successful applicants will be posted on TUT's website (entrance exam information) at 11:00 a.m. on the same day as reference. TUT does not respond to inquiries regarding exam results by phone, etc.

Successful applicants will be notified of enrollment procedure details in January 2018 **(for those in the field of maritime technology, in January 2019)**.

(5) Applicants who fail to make it through the first round of screening for the GAC general entrance exam (for international students)

Applicants who fail the GAC general entrance exam (for international students) can take the general course entrance exam for international students, only if they indicated their desire to do so in the "desire to take exam" section when registering their application. In this case, it is not necessary to submit the application material or pay the exam fee for the second exam.

### III. Application procedures

#### 1. Application period:

Submission by mail	Wednesday, April 19, 2017 to Friday, April 28, 2017 (5:00p.m.)
Online application registration	Wednesday, April 12, 2017 (9:00a.m.) to Thursday, April 27, 2017 (11:59p.m.)
Payment deadline	Thursday, April 27, 2017 (11:59p.m.)

※Applications that arrive after the deadline will not be accepted.

#### 2. How to apply

The application process consists of the following 3 steps.

##### 【Step 1】 Register

Applicants should access the following URL and enter the necessary application information over the internet. The instructions given on the screen should be followed when filling out the information.

URL : <http://www.tut.ac.jp/exam/exam-webentry.html>

##### 【Step 2】 Pay the examination fee

Applicants should pay the examination fee by credit card or at a convenience store by the payment deadline.

##### 【Step 3】 Submit application material

Applicants should submit all application documents listed in section “3.Application material, etc” on page 17 to the Entrance Examination Division of Toyohashi University of Technology by registered express mail within application period.

Application materials of Special entrance exam for recommended applicants, Entrance exam for recommended applicants, GAC special entrance exam for recommended applicants, and GAC entrance exam for recommended applicants should be gathered all together by the applicants affiliated technical college and sent by registered express mail.

Only applications sent by mail will be accepted.

- Mail application material, etc., to  
Entrance Examination Division, Toyohashi University of Technology  
1-1 Hibarigaoka, Tempaku-cho, Toyohashi, Aichi, 441-8580

※If there is no Internet access, please contact Entrance Examination Division by XX, 2017 (5:00p.m.)

When the application material is received, exam admission slip will be mailed to the address given on the application confirmation form by May 9, 2017.

### 3. Application material, etc.

#### (1) Special entrance exam for recommended applicants, Entrance exam for recommended applicants, GAC special entrance exam for recommended students, GAC entrance exam for recommended students

	Special entrance exam for recommended applicants	Entrance exam for recommended applicants	GAC special entrance exam for recommended students	GAC entrance exam for recommended students	Notes
Application confirmation slip	○	○	○	○	After completing application registration procedures, print out the form on A4 paper.
Photo mount	○	○	○	○	After completing application registration, print out the form on A4 paper, and attach a photo. The photo (40 mm (h), 30 mm (w)) must be of the upper half of the body taken no more than three months before applying. The person must be facing forward and cannot be wearing a hat.
Letter of recommendation	○	○	○	○	The form can be downloaded from TUT's website ( <a href="http://www.tut.ac.jp/exam/exam-weentry.html">http://www.tut.ac.jp/exam/exam-weentry.html</a> ). The president of the school the applicant is attending should complete the form and then seal it.
Report*	○	○	○	○	The form can be downloaded from TUT's website ( <a href="http://www.tut.ac.jp/exam/exam-weentry.html">http://www.tut.ac.jp/exam/exam-weentry.html</a> ). The president of the school the applicant is attending should complete the form, attach transcripts, and then seal it. For applicants who transferred to a technical college, a report created and sealed by the principle of the high school that the applicant graduated from should also be submitted. However, if the high school the applicant graduated from is overseas, originals of the transcripts created by the principle of the high school and the original of the standardized graduation exam for that country should also be submitted. Notes: 1. Both of which can be original certificates issued by the applicant's school 2. Both of which may be either in English or Japanese
Description form	○	○			The form can be downloaded from TUT's website ( <a href="http://www.tut.ac.jp/exam/exam-weentry.html">http://www.tut.ac.jp/exam/exam-weentry.html</a> ) and should be filled out by the applicant.
Score certificate, etc.			○	○	Applicants should read section (4) Score certificate of English proficiency test on page 19.
Statement of reason for applying			○	○	The form can be downloaded from TUT's website ( <a href="http://www.tut.ac.jp/exam/exam-weentry.html">http://www.tut.ac.jp/exam/exam-weentry.html</a> ) and should be filled out by the applicant.
Exam fee*	○	○	○	○	30,000 yen Applicants should complete the payment procedures before submitting the application documents.
Certificate of residence (copy)	△	△	△	△	(Non-Japanese applicants living in Japan only) Nationality, residence status and period of stay should be indicated. Copy of residence card (Alien registration card) is also acceptable.

Items marked with a circle (○) are applicable for all examinees. Items marked with a triangle (△) are only for applicable parties.

\* Class rankings of international students

For international students (ones from a technical college), too, it is necessary to provide their class ranking among all students, including Japanese, for the particular subject. Care should be taken since applications will not be accepted if the class ranking is not included in the report.

If it is impossible to provide an overall class ranking among all students, including Japanese students, for any particular reason, such as part of the curriculum for international students being different to that for Japanese students, an evaluation should be made for fields/subjects within the curriculum that both Japanese and foreign students take for the subject, and then the ranking of the international student among students including Japanese students should be noted as "equivalent to a ranking of xxx." If there is anything unclear, inquiries should be directed to the Entrance Examination Division before the application is submitted.

\*The fee must be paid even for applicants who are receiving a scholarship as an international student on a Japanese government scholarship (Ministry of Education, Culture, Sports, Science and Technology). (For students who apply for a scholarship extension assuming they will be accepted by TUT, the fee will be refunded after the extension decision is made. After receiving the decision notification, the refund request should be submitted to the Entrance Examination Division, TUT. The fee will only be refunded if the student is accepted to TUT.)

- Notes
1. For handwritten application material, a black fountain or ball-point pen should be used.
  2. The exam fee is nonrefundable.
  3. Incomplete application material will not be accepted.
  4. Submitted application material will not be returned. Once application material is submitted, it cannot be altered. However, if there is a change in address (contact address) after the material has been submitted, applicants should promptly notify TUT of the change.

(2) Academic achievement exam, Entrance exam for international students, GAC general exam (for Japanese applicants and international students)

Eligibility	a	B d-f	c g-i	Notes
Application confirmation slip	○	○	○	After completing application registration procedures, print out the form on A4 paper.
Photo mount	○	○	○	After completing application registration, print out the form on A4 paper, and attach a photo. The photo (40 mm (h), 30 mm (w)) must be of the upper half of the body taken no more than three months before applying. The person must be facing forward and cannot be wearing a hat.
Report from applicant's school*	○	○	○	The form can be downloaded from TUT's website ( <a href="http://www.tut.ac.jp/exam/exam-webentry.html">http://www.tut.ac.jp/exam/exam-webentry.html</a> ). The president of the school the applicant is attending should complete the form, attach transcripts, and then seal it. Applicants except for students of technical colleges in Japan should submit Letter of recommendation that is issued by the applicant's supervisor (free form in A4 paper) and official transcripts of academic records that are issued by the applicant's university and officially sealed. Also, the applicants don't need to submit the report.
High school report	△	○	○	For applicants who transferred to a technical college, a report created and sealed by the principle of the high school that the applicant graduated from should also be submitted. However, if the high school the applicant graduated from is overseas, originals of the transcripts created by the principle of the high school and the original of the standardized graduation exam for that country should also be submitted. Notes: 1. Both of which can be original certificates issued by the applicant's school 2. Both of which may be either in English or Japanese
Score certificate, etc.	△	△	△	(GAC general exam for Japanese applicants and international students) Applicants should read section (4) Score certificate of English proficiency test on page 19.
Exam fee*	○	○	○	30,000 yen Applicants should complete the payment procedures before submitting the application documents.
Certificate of residence (copy)	△	△	△	(Non-Japanese applicants living in Japan only) Nationality, residence status and period of stay should be indicated. Copy of residence card (Alien registration card) is also acceptable.
Certificate of student registration			△	
Certificate of course			△	
Certificate of period of enrollment			△	

Items marked with a circle (○) are applicable for all examinees. Items marked with a triangle (△) are only for applicable parties.

Parties eligible to apply because they meet requirements d., e., or f. on page 13 (excluding those who graduated from an overseas junior college or are expected to do so) should also submit material that proves that the advanced vocational school meets the standards sets by the Ministry of Education, Culture, Sports, Science and Technology (certificate issued by the advanced vocational school).

In addition, applicants who are eligible to apply because they meet requirements g., h., or i., must submit material that proves their eligibility (this will be indicated separately when the application eligibility is confirmed).

\* Class rankings of international students

For international students (ones from a technical college), too, it is necessary to provide their class ranking among all students, including Japanese, for the particular subject. Care should be taken since applications will not be accepted if the class ranking is not included in the report.

If it is impossible to provide an overall class ranking among all students, including Japanese students, for any particular reason, such as part of the curriculum for international students being different to that for Japanese students, an evaluation should be made for fields/subjects within the curriculum that both Japanese and foreign students take for the subject, and then the ranking of the international student among students including Japanese students should be noted as "equivalent to a ranking of xxx." If there are unclear points, inquiries should be directed to the Entrance Examination Division before the application is submitted.

\*The fee must be paid even for applicants who are receiving a scholarship as an international student on a Japanese government scholarship (Ministry of Education, Culture, Sports, Science and Technology). (For students who apply for a scholarship extension assuming they will be accepted by TUT, the fee will be refunded after the extension decision is made. After receiving the decision notification, the refund request should be submitted to the Entrance Examination Division, TUT. The fee will only be refunded if the student is accepted to TUT.)

- Notes
1. For handwritten application material, a black fountain or ball-point pen should be used.
  2. The exam fee is nonrefundable.
  3. Incomplete application material will not be accepted.

4. Submitted application material will not be returned. Once application material is submitted, it cannot be altered. However, if there is a change in address (contact address) after the material has been submitted, applicants should promptly notify TUT of the change.

### **(3) Entrance exam for working adult applicants**

Applicants should submit the various items listed in section “3. Application material, etc.” on page 17 along with the following items.

(a) Letter of recommendation

The head of the organization that the applicant belongs to should fill out the form.

(b) Performance report

A summary of work conducted by the applicant (no set form, but no more than 1,000 characters. If there is related material, the material should be attached) and copies of documents that indicate the performance of the applicant, such as research papers, research reports, patents and utility models, etc.

(c) Written approval to take exam

Written approval to take exam created by the head of the organization the applicant belongs to (no set form).

(d) Entrance exam for working adult applicants and interview form

The designated form should be filled out by the applicant.

### **(4) Score certificate of English proficiency test**

Following are the details on how to submit the score certificate of English proficiency test.

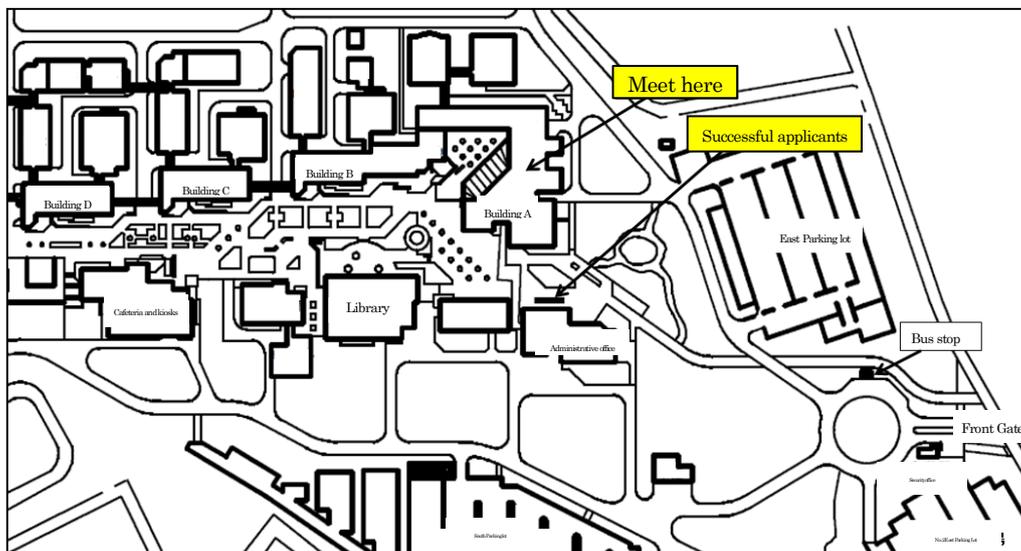
If the score does not arrive by the application deadline, it will be invalid.

- Applicants who took the TOEIC (SP) should also submit the score certificate (only an original with attached photo).
- Applicants who took the TOEIC (IP) do not need to submit the score report since the score is included in the report created by the president of the college they attend.
- Applicants who took the TOEFL should complete the ETS request procedures so that the official score is sent to the Entrance Examination Division, Toyohashi University of Technology (DI-CODE 9381, DI-NAME TOYOHASHI UNIV OF TECHNOLOGY) by the deadline.
- Applicants who took the IELTS should complete the Eiken Foundation of Japan request procedures so that the official test report is sent to the Entrance Examination Division, TUT by the deadline.

## IV. Advice for Applicants

### (For Academic achievement exam, Entrance exam for international students)

- (1) Be sure to check the exam room at Building A on TUT Campus and enter the exam room 15 minutes before the exam starts.
- (2) Bring the exam admission slip with you. In case of loss of it, please notify us immediately.
- (3) The following are only the items you are allowed to place on your desk;  
An exam admission slip, a pencil, a mechanical pencil, and eraser, a watch (with the function of watch only), tissue papers without a package and a pair of glasses.
- (4) Applicants can enter the exam room up to 20 minutes after the exam starts, but after that, no applicants will be allowed in.
- (5) Examinees who need to communicate during the exam should raise their hand and obtain permission from the proctor.
- (6) Examinees who behave in an inappropriate way in the exam room may be ordered to leave the exam room by the proctor.
- (7) Alarm on device that makes sound such as on mobile phones should be deactivated, and the device turned off before entering the exam room. Put them in your bag, and do not carry them with you.
- (8) The use of calculators, devices such as watches with a calculator function, and slide rules is prohibited.
- (9) In case of sudden illness or accident, tell the proctor or a person in charge immediately.
- (10) Food such as lunches can be obtained at the cafeteria or kiosk.



## V. Expenses (expected)

- Admission fee 282,000 yen
- Tuition 535,800 yen (annual)  
(267,900 first semester, 267,900 second semester)

If expenses are changed when applicants enroll or while attending TUT, the new admission fee and tuition will be applicable after the revisions.

## VI. Other

1. Applicants with disabilities, etc., (based on the level of the physical disability as stipulated in Article 22.3 of the School Education Act Enforcement Ordinance and the Services and Supports for Persons with Disabilities Act) should contact the Entrance Examination Division in advance because special consideration may be required for taking the exam and studying.
2. If an applicant or the main breadwinner of an applicant's household is a victim of a disaster or falls under the Disaster Relief Act because of a natural disaster etc., the applicant may be exempt from paying the fee for the various types of entrance exams (undergraduate and graduate).  
Applicants who think this may apply to them should contact the Entrance Exam Division in advance.
3. Entrance exam fee is nonrefundable except in the following situations;
  - (1) Applicants paid the fee twice.
  - (2) Applicants paid the fee but did not apply for the exam.
  - (3) Applicants paid the fee but the application was not accepted.  
TUT will separately contact applicants regarding refund procedures.
4. Toyohashi University of Technology has established the Toyohashi University of Technology Security Export Control Regulations in accordance with the Foreign Exchange and Foreign Trade Act, and conducts strict examinations for acceptance of international students, etc.  
International applicants who fall under any of the conditions set out in said regulations may be unable to enter their desired course or program.

## VII. Inquiries regarding the entrance exam

Inquiries regarding the entrance exam should be directed to the following:

Entrance Examination Division, Toyohashi University of Technology  
1-1 Hibarigaoka, Tempaku-cho, Toyohashi, Aichi, 441-8580  
Tel: 0532-44-6581  
Email: nyushi@office.tut.ac.jp  
URL: <http://www.tut.ac.jp/>

## Applying over the Internet

Starting with this year's third-year student entrance exam, Toyohashi University of Technology (TUT) is introducing an Internet-based (computer/smartphone) application process for all entrance exams.

\* Applicants who do not have Internet access should contact TUT's Entrance Examination Division.

### Application process—complete in three steps

#### Step 1 Register

- Fill out the necessary items to register following the instructions on the screen.
- Download TUT designated forms, such as the letter of recommendation form.
- Print out the material necessary to apply, such as the name label.
- Note down or print out the necessary information to pay the entrance exam fee. However, for applicants paying by credit card or through an Internet bank transfer, the payment is made at this step, and applicants can move on to step 3.



#### Step 2 Pay entrance exam fee

- Pay the entrance exam fee using the necessary information printed out or noted down from step 1.
- See the following section for financial institutions, etc., where one can pay the entrance exam fee.

If paying by Internet bank transfer or credit card over the Internet



#### Step 3 Mail the application material (applications by postal mail only)

- Attach the name label to a regular no. 2 envelope (240 mm x 332 mm), place the application material into the envelope, and send it to the Entrance Examination Division by express registered mail.

**See the following TUT webpage for information on applying over the Internet.**



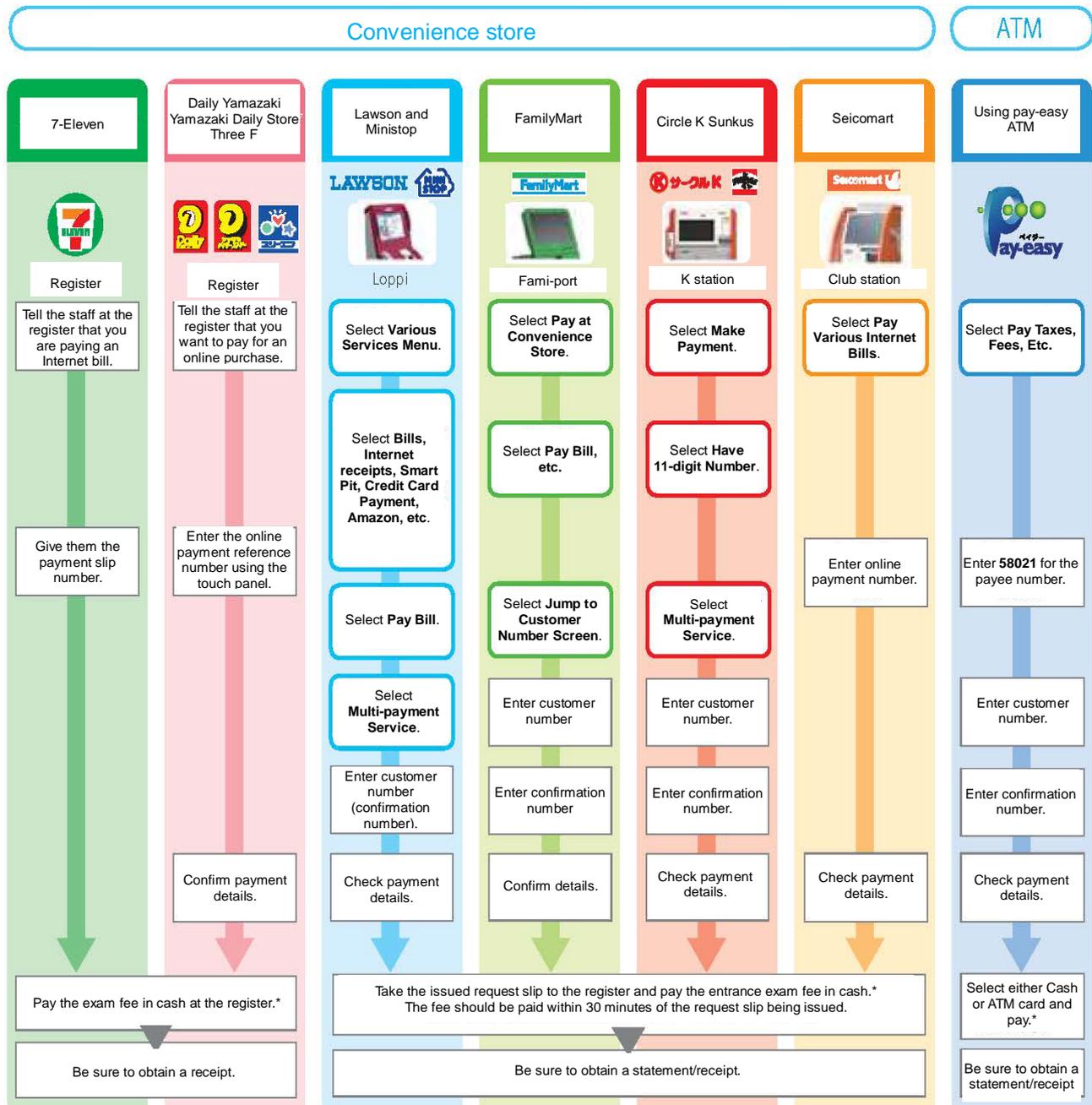
<http://www.tut.ac.jp/exam/exam-webentry.html>

- In case of inquiries regarding the entrance exam, please contact:  
Entrance Examination Division, Toyohashi University of Technology  
tel. (0532) 44-6581; e-mail nyushi@office.tut.ac.jp  
office hours: 8:30 a.m.–5:00 p.m. (excluding weekends and holidays)

# How to pay the entrance exam fee

Check the details on how to pay the fee on the final screen of the application registration process or application confirmation screen.

\* Payments by credit card are done simultaneously with the registration



\* If using Japan Post Bank or a bank ATM, make payments for 100,000 yen or more using an ATM card. At convenience stores, payments up to 300,000 yen can be made in cash.

## Internet bank transfer

Click **Pay by Internet Bank Transfer** button on the final page of the registration screen. Select the financial institution you would like to use and then pay the entrance exam fee from the Internet banking site.

\* It is necessary to complete the Internet banking procedures in advance.

## Payment related fees

\* There are payment related fees in addition to the entrance exam fee. Check when registering application.  
\* NB: In the case of registering multiple times, it is necessary to pay the payment related fees **each time**.