

Course Number	06034
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2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【1. Profile of the University】

①University Department	Toyohashi University of Technology, Master's Program		
②President	NISHINAGA Tatau		
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④Contact	Division	International Affairs Division	
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⑤Web-Address	http://www.tut.ac.jp/english/index.html		
⑥Enrollment (only Graduate School)	126	(include MEXT's Scholarship Students: 55)	

【2. Outline of the Course】

①Course	The Special Composite Course in English
②Degree	Master's Program (General: 2 years /Twinning: 1 year)
③Graduate Course, Department	Graduate School of Engineering, Department of Mechanical Engineering
	(Address) 1-1 Hibarigaoka Tempaku Toyohashi Aichi 441-8580
④Collaboration (Universities, Graduate courses, Departments)	Graduate School of Engineering: Production Systems Engineering, Electrical and Electronic Engineering Information and Computer Sciences, Materials Science, Architecture and Civil Engineering, Knowledge-based Information Engineering, Ecological Engineering
⑤Quota	42 (include MEXT's Scholarship Students: 10) (include Japanese : 0)
⑥Faculties	181 (Full-time(only for this course):179, Full-time(at the department offering this course):0, Part-time:2)
⑦Representative of the Course	Job Title: Dean of Graduate School of Engineering
	Name: NISHINAGA Tatau

【3. Contents of the Course】

1. *Distinctive Features of the Program*

The Special Course instructed in English in master's program in TUT has aimed to foster the students as human resource that will help the developing countries to be self-sustaining through our advanced technological education. In the Special Composite Course in English, "Twinning Course" has been newly set up in addition to the General Course and started for further improvement in both qualitatively and quantitatively.

In this program, owing to the selection by application documents, applicants don't need to come to TUT before their admission. Because the classes are instructed only in English, there are no language barriers. The Twinning Course is for specified universities under cooperative agreement of this program, which is accompanied by several special advantages such as supports by government-fund, or exemption of tuition for the outstanding students.

The Features of this program are as below:

① Fostering International Leading Engineers and Scientists

This program provides education of technology at high level to the international students, specially from developing countries, so as to foster the leading engineers and scientists contributing the important international/interdisciplinary projects such as global and/or local environmental, energy related problems, through the education in the Departments of Mechanical Engineering, Production Systems Engineering, Electrical and Electronic Engineering, Information and Computer Sciences, Materials Science, Architecture and Civil Engineering, Knowledge-based Information Engineering, and Ecological Engineering.

Our university actively implements adoption of the JICA long-term training program, and the JDS program: those who are admitted in these programs are also accepted in this English program as an international student of the General Course.

② Fostering Leaders and Supervisors with general management ability

Classes in relation to planning and management of business, social cultures, and so on, are supplied in this program, since, most of the graduates are expected to be the future leaders and supervisors in many fields, such as in the government organizations, institutions, or universities.

③ Creation of the International Human Relationships Network

A network of the international human relationships composed among graduates of this program, as well as those from the standard TUT program will contribute to creating important mutual understanding, cultural exchange, and global activation among the societies in Japan and many other foreign countries.

2. *Education and Teaching System*

(1) Departments of Graduate School of Engineering

The support system is prepared for education, research and supervising a thesis.

① Special Composite Course in English (General Course)

The Departments of Mechanical Engineering, Production Systems Engineering, Materials Science, Architecture and Civil Engineering, Knowledge-based Information Engineering, Ecological Engineering

② Special Composite Course in English (Twinning Course)

The Departments of Mechanical Engineering, Production Systems Engineering, Electrical and Electronic Engineering, Information and Computer Sciences, Materials Science, Architecture and Civil Engineering, Knowledge-based Information Engineering, Ecological Engineering

(2) Curriculum

① Special Curriculum

The special curriculum is prepared for this program. The program starts in December. Twinning Course has a curriculum efficiently linked with E-learning teaching system which ICCEED, International Cooperation Center for Engineering Education Development is planning.

② Others

Tutors who support the students' study and daily life are provided.

(3) Requirements

For completing the program, all students require taking 2 years Master's program, taking 30 credits of this program course, taking a research project, writing master thesis in English, and passing the thesis in Final exam. Outstanding students could shorten the program to complete the program.

(4) Extra-Curricular Classes for Japanese Language

Students of this program could take several levels of extra-curricular classes for Japanese language study. In the Twinning Course, the cooperative university also provides Japanese language study.

3. Language Used

All academic activities shall be delivered in English.

4. Application Procedures, Selection Procedure

(1) Application Procedures

① General Course

We provide the information of application procedures on TUT website. In addition, the application procedures are sent to universities abroad especially in Asia, embassies in the UMAP member countries or other countries, JICA Offices and International Development Banks.

We ask our cooperative institution to recommend the students for this program.

② Twinning Course

The Twinning Course is only for Ho Chi Minh City University of Technology for 2007. We intend to add cooperative universities in the future.

(2) Selection

The selection will be made on the basis of the personality through the letter of recommendation, academic record and research plan indicated in the application documents.

5. Follow-up for the graduates

Our university have promoted the Alumni Associations established by TUT graduates after returning to their home countries. Our faculty and staff join the association to report the update on TUT. Our overseas liaison offices located in Indonesia and China also send out the information to those graduated students. At present we are organizing the list of international students including former students who took English program.

By keeping track of those who completed the programs at TUT through sending questionnaires or survey, we can improve the future program based on their opinions and comments about the life of TUT and our English program.