Summary of Self-Analysis Report

TKT CAMPUS Asia Consortium
Tokyo Institute of Technology

1. Participating universities and academic departments

Japanese University	Tokyo Institute of Technology, Interdisciplinary Graduate School of Science and Engineering
Chinese University	Tsinghua University, Department of Chemical Engineering
Korean University	KAIST, Department of Mechanical Engineering

2. Outline and progress of the project

1) Project outline

TKT CAMPUS Asia Consortium

   This Consortium consists of world-class universities in the field of science and technology in East Asia: Korea Advanced Institute of Science and Technology (KAIST), Tokyo Institute of Technology (Tokyo Tech) and Tsinghua University (Tsinghua).

The Consortium's objectives are: providing students with a strong motivation toward being globally oriented future leaders; nurturing participating students into becoming globally competitive human resources; and enhancing higher-quality education in Asia.

Initially, the Consortium will implement several forms of exchanges such as (a) semester long exchanges with course study and/or lab work, (b) summer programs and (c) research-oriented joint educational programs. The Programs are offered to advanced undergraduate students, master students and doctoral students. Students in all departments of the three universities may join the programs.

   After three years' practice of these programs, the Consortium will build a common understanding of establishing a dual degree program for selected areas of specialty. This dual degree program is an advanced research-oriented educational program.

2) Progress of the project (through March 2013)

Criterion 1: Goals of Academic Program

  On the application form for the CAMPUS Asia Pilot Program, Tokyo Tech's long-term objective is stated as "The creation of a university of science and technology to lead the world." In order to realize this objective, we must collaborate with the world's top-tier universities. In 2012, to address this matter in part, Tokyo Tech launched this educational-research program with the aim of developing human resources together with leading East-Asian universities such as Tsinghua University in China and KAIST in Korea.

  The long-term goal is for Tokyo Tech to conduct this program together with other top-tier universities in the US, Europe, and other regions in Asia.

  We have accepted international students into our "Summer Program" to meet this objective.

  Criterion 2: Teaching and Learning

2-1:Organization and Staff

a) Organization and System

1) We have developed and customized an educational program with best practices for this pilot project.

2) We have formed a Joint Committee, examined concrete issues, and created Implementation Guidelines, in order to successfully implement this program. Additionally, our professors and administrative staff members have participated in workshops held at our partner universities and discussed how to implement the program.

b) Faculty and Staff Members

1) We have established procedures and regulations, set up a project steering committee and established another section to specifically engage in the planning and implementation of the project. This section holds monthly meetings to discuss progress. Additionally, we have created an administrative structure and hired an international cooperation planner, program coordinator, advisor for study abroad, and other staff members. Many of our staff members have earned degrees abroad in English or Chinese.

2-2: Contents of Academic Program

1) From June to August 2012, we implemented a research-oriented, hands-on international educational program and accepted students from our partner universities. Furthermore, at the request of students, we also accepted students for an entire semester (i.e. for a period longer than the

Summer Program).

2-3: Support for Learning and Living

a) Academic Life Support

1) We developed an online application system for students and made it bilingual (Japanese and English).

2) We utilized a *Study and Research Plan/Record* commonly used at Tsinghua and KAIST to assist students with planning and completing their studies. This was utilized for both inbound and outbound students.

b) Student Life Support

For inbound students

1) For newly arrived international students, Tokyo Tech laboratories chose *tutors* (peer mentors) upon our request and we conducted a tutor orientation for them so that they could support incoming international students.

2) We provide counseling to all students, Japanese and international students, at our Student Support Center in the Life Support Section.

3) We examined and compared private accommodations for international students and contracted to use the most appropriate ones.

4) We held orientations for international students about the accommodations and student life support services.

5) We supplied scholarships and provided accommodations free of charge to international students.

For outbound students

1) We developed and strengthened the support we provide to students before, during and after a student's stay abroad.

2) We organized and held study abroad fairs to disseminate information about our various study abroad opportunities.

2-4: Credit Transfer and Grading System

1) We created "Implementation Guidelines" and reached agreement on the transfer of credits.

2) Tokyo Tech students who studied at Tsinghua and KAIST were able to transfer and have their Tsinghua and KAIST credits recognized here at Tokyo Tech.

Criterion 3: Learning Outcomes

1) We conducted an investigation concerning the earning of credits for both inbound and outbound students.

2) We conducted a systematic comparison of credit systems, academic record management, and degree systems of 3 universities for determining a method for evaluating our educational program.

3) We conducted a survey of the students upon completion of the program.

Criterion 4: Internal Quality Assurance System

1) We held an advisory board meeting and received advice from committee members.
 (Jan. 18, 2013)

2) We held the TIER Symposium to facilitate the sharing of information.

3) We have completed an "Appendix to the Implementation Guidelines of TKT CAMPUS Asia."