T.I.M.E. Programme

FRAMEWORK AGREEMENT ON COOPERATION

CONCERNING THE EXCHANGE OF STUDENTS AIMING FOR A DOUBLE
DEGREE FROM

THE GROUPES DES ECOLES CENTRALES:
ECOLE CENTRALE DE LILLE,
ECOLE CENTRALE DE LYON,
ECOLE CENTRALE DE MARSEILLE,
ECOLE CENTRALE DE NANTES,
ECOLE CENTRALE PARIS
(FRANCE)

and

TECHNISCHE UNIVERSITÄT BERLIN, FAKULTÄT IV
(GERMANY)

Technische Universität Berlin, Fakultät IV (hereafter referred to as TUB IV), Germany,
and
The Groupes des Ecoles Centrales (hereafter referred to as GEC), France,
offer some of their best students the opportunity to join the Top Industrial Managers for Europe
(T.I.M.E.) Double Degree Programme.

This programme enables the students to graduate both from TUB IV and GEC after successfully
completing the defined programme of engineering studies.

The awarded degrees are: “Master of Science (M.Sc.) in Computer Science” at TUB IV and “Diplôme
d’Ingénieur de l’École Centrale (de Lille/Lyon/Marseille/Nantes/Paris)”.

I. Objectives of the Programme

• To enable students to become both a Computer Science specialist and a multi-disciplinary
  engineer.

• To enable students to acquire a double European scientific and cultural education with a view to
  starting a fully international career.
II. Overall Organisation

II.1 For All Students

Selection and Admission of Students
The exchange of students under this agreement will be conducted in accordance with the following principles:

- Students are selected and admitted to the exchange programme based on their academic results and motivation. The selection is carried out in collaboration between the two establishments.
- Admission of students is always at the discretion of the receiving establishment.
- The announcement of exchange students is exclusively channeled through the International Offices on both sides. The deadline for the announcement of any exchange student for both institutions is mid-May for the current year. The number of students involved in the Double Degree programme will be negotiated on a yearly basis.

Academic Responsibility
Academic responsibility is held by the Deans of Studies at the GEC and the TUB IV.

Tuition Fees and Costs
Tuition fees will be waived for Double Degree students participating in the exchange programme on both sides. However, all TUB students – including exchange students – are subject to paying a fee per semester that covers the social security contribution (Sozialbeitrag) and free public transport in Berlin and the Berlin region. This compulsory fee is not a tuition fee.

Students will be responsible for covering the travel costs to the host country and living costs during the stay, including accommodation, books, equipment, consumables, language tuition prior to the commencement of coursework (where necessary), student union fee (if applicable) and other expenses arising out of the exchange. Each institution may offer financial aid to their outgoing students.

Accommodation
The host establishment will render assistance to the incoming students in finding appropriate accommodation.

II.2 For Students from TUB IV

TUB students spend their first two years of Computer Science studies at TUB IV. A Bachelor’s degree is not awarded at this point in time.

Upon successful completion of this two-year curriculum, the selected students will attend one Ecole Centrale of the GEC in France to complete two years of multi-disciplinary engineering studies, including those in socio-economic subject areas. TUB students will be awarded the GEC Bachelor’s certificate.

Upon return TUB students will be admitted to master studies under recognition of the GEC Bachelor’s certificate. TUB students may write a Bachelor thesis and will then be awarded with the TUB Bachelor’s degree, too.

TUB students will then follow the complete four-semester Master’s programme in Computer Science studies, including the Master’s thesis.

TUB students will be awarded the “Diplôme d’Ingénieur” of their host Ecole Centrale and the “Master of Science (M.Sc.)” in Computer Science at TUB IV.
II.3 For Students from the GEC

GEC students spend their first two years of studies in the classes préparatoires and complete two years of multi-disciplinary engineering studies at one École Centrale in the GEC. After successful completion of the first four years of this curriculum the selected GEC students will follow the four semesters of the Master's programme in Computer Science at TUB IV, including the Master's thesis. TUB IV will recognize the GEC Bachelor's certificate as an entrance requirement to the Master's program.

GEC students will be awarded the “Master of Science (M.Sc.) in Computer Science at TUB IV” and the “Diplôme d'Ingénieur” of their home École Centrale.

III. Prerequisites, Calendar of Studies, Programme and Evaluation

III.1 For the TUB IV Students at GEC

Prerequisites
- Sufficient French language skills
- Above average examination results at TUB IV, especially in Mathematics

Programme of studies
TUB students follow the programme as outlined in II.2.

Evaluation
- Institutional examinations for the required courses including placement, project work and social and human sciences subject areas.
- All exams may be retaken once. The academic success of T.I.M.E. students is judged over a period of two years. In order to obtain their degree, they must obtain a passing mark in all the required examinations.

III.2 For the GEC Students at TUB IV

Prerequisites
- Sufficient German language skills
- Above average examination results during the first 2 years in GEC.

Programme of Studies
GEC students follow the programme as outlined in II.3.

Evaluation
The grading of each exam must be better than or equal to 4.0 (Scaling 1.0 (highest) - 1.3 - 1.7 - 2.0...4.0 (lowest) - 5.0 (failed)). All exams may be taken again as described in the “Prüfungsordnung” for the Computer Science Master's programme in the latest version.

The grading of the Master’s thesis is the same as for the exams.

IV. Double Degree Award

For both TUB IV and GEC students, the academic degrees, i.e., the Master of Science (M.Sc.) in Computer Science at TUB IV and the GEC Engineering Degree will be awarded simultaneously after successful completion of the defined curriculum including the Master’s thesis.
V. Validity of this Agreement

Six copies of this agreement have been signed, one for each institution. The agreement becomes effective upon the final signature for a period of five years. Unless one of the parties cancels the agreement it will then be continually renewed without further notice.

Ecole Centrale de Lille
The Director
Prof. Etienne Craye
Date:

Ecole Centrale Paris
The Director
Prof. Hervé Biausser
Date:

Ecole Centrale de Lyon
The Director
Prof. Patrick Bourgin
Date:

Technische Universität Berlin
The President
Prof. Jörg Steinbach
Date:

Ecole Centrale de Marseille
The Director
Prof. Frédéric Fotiadu
Date:

TU Berlin, Fakultät IV
The Dean of Education
Prof. Hans-Ulrich Heiß
Date:

Ecole Centrale de Nantes
The Director
Prof. Patrick Chedmail
Date:
Proposed scheme of exchange
TUB IV Computer Science – GEC

- EC 6
- EC 5
- EC 4
- EC 3
- EC 2
- EC 1
- CP 4
- CP 3
- CP 2
- CP 1

- MSc 4
- MSc 3
- MSc 2
- MSc 1
- BSc 6
- BSc 5
- BSc 4
- BSc 3
- BSc 2
- BSc 1

Diplôme d’Ingénieur for EC students
EC BSc certificate for EC students and TUB TIME students
Recognition of EC BSc certificate as BSc degree
MSc for TUB students
MSc and Diplôme d’Ingénieur for EC+TUB TIME students (Double Degree)
BSc degree for TUB students and TUB TIME students
TUB TIME students
EC TIME students