

**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

**TU BERLIN FAKULTÄT IV  
(GERMANY)**

TU 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 Engineering” or “Master of Science (M.Sc.) in Electrical Engineering” 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 or Electrical Engineering 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 Engineering or Electrical Engineering 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.

TUB students will return to TUB IV to join the last semester of the Bachelor curriculum of Computer Engineering or Electrical Engineering and have to write the Bachelor thesis. TUB IV will recognize the Bachelor thesis in combination with the GEC Bachelor's certificate as TUB IV Bachelor's degree (B.Sc. in Computer Engineering or B.Sc. Electrical Engineering).

TUB students will then follow the second, third and fourth semesters of the Master programme in Computer Engineering or Electrical Engineering 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 or Electrical Engineering 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 Ecole 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 or Electrical Engineering at TUB IV, including the Master's thesis. TUB IV will recognize the GEC Bachelor's certificate as an entrance requirement to the four-semester Master's program.

GEC students will be awarded the "Master of Science (M.Sc.) in Computer Engineering" or "Master of Science (M.Sc.) in Electrical Engineering" at TUB IV and the "Diplôme d'Ingénieur" of their home Ecole 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 and Physics

#### 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 respective 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 Engineering degrees, i.e., the Master of Science (M.Sc.) in Computer Engineering or Master of Science (M.Sc.) in Electrical Engineering 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:

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**Ecole Centrale de Lyon**

The Director  
Prof. Patrick Bourgin  
Date:

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**Ecole Centrale de Marseille**

The Director  
Prof. Frédéric Fotiadu  
Date:

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**Ecole Centrale de Nantes**

The Director  
Prof. Patrick Chedmail  
Date:

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**Ecole Centrale Paris**

The Director  
Prof. Hervé Biauxser  
Date:

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**Technische Universität Berlin**

The President  
Prof. Jörg Steinbach  
Date:

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**TU Berlin, Fakultät IV**

The Dean of Education  
Prof. Hans-Ulrich Heiß  
Date:

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## Proposed scheme of exchange TUB IV Computer Engineering / Electrical Engineering – GEC

