APPLICATION FORM
Year 2015/2016

Course Selection

For Exchange Students only

SEMESTER 7 (Fall of 2015-2016)

Family Name _____

Given Name _____

University _____

Pays _____

Please select the courses you wish to take by checking the appropriate boxes or buttons in the following pages. In order to help you sign up for the most appropriate courses for your requirements, **we recommend you choose two elective courses by block, a choice A and a choice B.**

Please choose one course (choice A + B) per elective series.

We will inform you if any of the courses you select are not available.

Normal course load at Ecole CentraleSupelec (Ecole Centrale Paris Engineering Program) is 30 ECTS per semester. Depending on the requirements of your home institution, you may either take the full 30 ECTS load, or choose **at least 24 ECTS**.

Language of Instruction
The courses at Ecole Centrale Paris are taught in one of four language options, specified as follows:

- French (F), course entirely taught in French
- English (E), course entirely taught in English
- English or French (EF), there are two classes in parallel, one taught in French, one in English
- English on demand (E*), the course is taught entirely in English, unless all students registered for the course have a sufficient command of French, in which case, the professor may choose to teach in French.

All courses available in English (E, EF or E*) are highlighted in blue in the rest of this form.

Choice of electives must be attached to the application form or send by mail to:

marisol.verstraete@centralesupelec.fr

SEMESTER 7 (Fall of 2015-2016)

Course Code and Title		Time	ECTS
O SE 1400	Economics	24 hrs	2.0
O SE 2910	Project Management	8 hrs	1.0
O SH 2100	Business Games	30 hrs	2.0
X Project: Choose one among:		110 hrs	6.0
O WP5100	Innovation Project S7		
O WP6100	Student Organization Project S7		
O I do not wish to sign up for a project			

☞ **Language course 1**   24 hrs   2.0
O LC 1000   English
O LC 2000   French as a Foreign Language (levels B1, B2, C1)
O LC 3000   German
O LC 4000   Spanish
O LC 5000   Italian
O LC 6000   Portuguese
O LC 7000   Chinese
O LC 8000   Japanese
O LC 9000   Russian
O   I do not wish to take Foreign Language course 1

☞**Language course 2** (If you wish to take a second language, please choose a different one from your first choice)
                                                            24 hrs   2.0
O LC 1000   Italian
O LC 6000   Portuguese
O LC 7000   Chinese
O LC 8000   Japanese
O LC 9000   Russian
O   I do not wish to take Foreign Language course 2

SEMESTER 7 (Fall of 2015-2016)

To complete the normal S7 course load, select courses for Elective series (2-6). You can take at most one course in each elective series because all courses within a given series are taught simultaneously.

☞ **Elective course 2 (Choose A + B)** 36 hrs 3.0

A B
O O IS1220 Software Engineering (E)
O O IS1410 Digital & Collaborative Engineering
O O MA2630 Distribution & Operator
O O MG1200 Civil Engineering
O O PR3100 Chemical Engineering & Sustainable Development
O O PH2100 Waves (EF)
O O SE1300 Finance
O O MA2500 Signal Processing
O O SH2550 Social Issues (F)
O I do not wish to take a course in this elective series

☞ **Elective course 3 (Choose A + B)** 36 hrs 3.0

A B
O O EN1200 Fluid Mechanics
O O IS1230 Database
O O MA2300 Advanced Probability
O O SE2200 Design and Innovation
O O MG1300 Struc. dyn & acoustics (EF)
O O PH2450 New Trends in Chemistry (E*)
O O PR5210 The Genome
O O SE3300 Création d'entreprise
O I do not wish to take a course in this elective series

☞ **Elective course 4 (Choose A + B)** 36 hrs 3.0

A B
O O PR4200 Electrical Energy Networks
O O MA2100 Financial Risk Modeling
O O MA2610 Scientific Computation
O O SE2300 Strategy and marketing
O O SE2400 Production and Distribution Management
O O MG1400 Plasticity and Fracture: Mechanical Behavior of Material
O O PR5300 Biotech. Application & modelisation
O O MA2823 Machine Learning (E)
O O PH2600 Relativities
O O SH2350 Individus travail org
O I do not wish to take a course in this elective series

☞ **Elective course 5 (Choose A + B)** 36 hrs 3.0

A B
O O EN1110 Advanced Heat Transfer (E*)
O O IS2120 Control System
O O MA2200 Advanced Optimization
O O MG1600 Nano-mechanics (E*)
O O IS1510 Digital Communications and Networks
O O PH2300 Solid State Physics, Structure of Matter (EF)
O O SE2920 Management of Complex Projects
O O SH2650 Science, Technology & Society
O O SE1600 Economics 2
O I do not wish to take a course in this elective series

☞ **Elective course 6 (Choose A + B)** 36 hrs 3.0

A B
O O MG1700 Design System Surveillance
O O EN2940 Electric aircraft
    O O EN2910 Aircraft Design (E)
    O O PH2200 Synchrotron (E*)
    O O MA2815 Maths for biology
O O PH2250 Réacteur Nuclaires embarqués (French Passport required)
O O SH2300 Seminar Series: Individus Travail Org (EF)
O O SE2350 Towards energy autonomy
O O SH2400 Seminar Series: International and Intercultural (EF)
O O SH2500 Perspective on key Social Issues
O O SH2600 Science, Technology & Society
O O SH2700 Innovation, art and Creativity
O I do not wish to take a course in this elective series

Total the number of ECTS credits you intend to take in Semester 7 = ……………………….