



# Ecole Supérieure des Techniques Aéronautiques Et de Construction Automobile (ESTACA)

International Office

## FACT SHEET FOR EXCHANGE STUDENTS

<b>Name of the Institution</b>	ESTACA (Ecole Supérieure des Techniques Aéronautiques et de Construction Automobile)
<b>Location</b>	Cities: Levallois-Perret and Laval Region: Ile-de-France and Western France Country: France
<b>Language of instruction</b>	French and English
<b>Field of study</b>	Engineering: automotive, aeronautics, space and rail Specialisations: acoustics, thermo-fluids, control and systems, mechatronics, embedded systems, vehicle dynamics, materials, computer aided engineering and design
<b>Levels of study open to exchange students</b>	Bachelor's, Master's
<b>Website</b>	<a href="http://www.estaca.fr">www.estaca.fr</a>

### Brief overview of the university

ESTACA (Ecole Supérieure des Techniques Aéronautiques et de Construction Automobile) was founded in 1925. Member of the Conférence des Grandes Ecoles and recognized by the State, ESTACA offers a **five-year engineering programme entirely taught in French leading to a Master Degree of Engineering** (Diplôme d'Ingénieur). Located in France, in Paris and in Laval (1h40 away from Paris), ESTACA is today one of **the leading French engineering school dedicated to the training of students in automotive, aeronautical, aerospace and railway engineering.**

ESTACA graduates undertake the design, development and production of transportation systems and components.

During their five years at ESTACA students need to validate an experience abroad to graduate: either an internship abroad or an exchange semester abroad at one of our partner universities. This academic exchange opportunity is open to students during the second semester of their third year (undergraduate level), fourth year (undergraduate level) and fifth year (master level).

ESTACA in its desire to internationalise its Paris campus also offers **two programmes taught in English:**

- a four-month non degree awarding programme "**Computer Aided Engineering and Design applied to Automotive/Aeronautics Engineering**" (CAE), 32 ECTS. This programme is open to Bachelor students and taught during Winter semester (from January to June).

- **European Master in Design and Technology of Advanced Vehicle Systems (automotive or aeronautics or spacecraft or marine craft)** : The Master is the result of the longlasting and fruitful co-operation among 3 European higher education institutions: ESTACA (France), the University of Southampton (United Kingdom) and Linköping University (Sweden). Combining the different national teaching traditions, this unique two-year full-time European Master aims at providing students with the specific engineering

skills required by the global industries involved with the transportation: a theoretical and practical training on new vehicle technologies (automotive, aeronautics, spacecraft and marinecraft) in an international environment. The Master programme lasts 2 years. The programme is divided into 3 periods:

- 1 semester of core courses,
- 2 semesters of vehicle specialisation (automotive or aeronautics or spacecraft or marine craft)
- a 6-month internship/master thesis in the industry or at a university laboratory.

*In the framework of our exchange programmes with our partner universities, semester 1 at ESTACA and semesters 2-3 from Automotive specialisation are available to our partner universities students.*

ESTACA **International activities** consist of :

- exchange of students: 39 partner universities worldwide
- exchange of interns: ESTACA has seven Research Laboratories applied to transportation engineering
- collaboration on International projects with the following overall organisation : two or three teams made up of French and international students working in competition on the same project (communication and academic supervision are mainly carried out by email, phone conferences. At the end of the project, students meet: in the case of our partnership with UAH, ESTACA students go to the USA to meet their team members and to present their results. The academic staff from UAH then chooses a "winner" team per project. ESTACA has been working on these projects with UAH for more than 10 years and is willing to develop those types of collaboration.
- organisation of International Fairs (November 20th 2008) to promote international exchange and internships : partner universities and industries are invited to participate in this event.

#### Student Exchange Programmes Office

<b>Head of International Office</b>	Mrs. Farida CHABOUNI-GABARD
<b>Secretary, International Office</b>	Ms Sylvie BEAUVAIS (Laval) Ms. Vanessa MEGRET (Levallois-Perret)

<b>Address</b>	Ecole Supérieure des Techniques Aéronautiques et de Construction Automobile (ESTACA) 34 rue Victor Hugo 92300 Levallois-Perret FRANCE
<b>Telephone number</b>	+33 1 41 27 60 18
<b>Fax number</b>	+33 1 41 27 60 25
<b>E-mail address</b>	fchabouni@estaca.fr
<b>Website</b>	<a href="http://www.estaca.fr/estaca/en/">http://www.estaca.fr/estaca/en/</a>

#### Application procedures

<b>Application deadline:</b>	For Fall term (September to January) or full year exchange students: deadline <b>April 30<sup>th</sup></b>  For Winter term exchange students (January to June): <b>November 30<sup>th</sup></b>  <b>It is highly recommended that <u>all students (Fall or Winter)</u> send their applications for April 30, 2008</b>
<b>Application processed:</b>	Applications are processed between February and May. All forms and information about our application and admission procedure for incoming exchange students are available upon request.

<b>Admission criteria:</b>	Exchange students must be enrolled in a program leading to an accredited Engineering Degree in their home institution
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### Academic Information

Ecole Supérieure des Techniques Aéronautiques et de Construction Automobile (ESTACA) has two semesters per year (Fall and Winter). An academic advisor is appointed to													
<b>Term dates (including final exam periods)</b>	<b>Fall:</b> September to third week of January <b>Winter:</b> January to June												
<b>Arrival dates:</b>	It is highly recommended that the students arrive at ESTACA 3-4 days before the commencement of the courses. The orientation sessions are free of charge. We do not provide any airport pickup service.												
<b>Language of instruction</b>	<b>French</b> - A French language test is not mandatory. However, students and sending institutions must ensure that students have attained a competency level high enough to succeed in university level engineering courses and assignments in French. <b>English</b> – An English language test is not mandatory. However, students and sending institutions must ensure that students have attained a competency level high enough to succeed in university level engineering courses and assignments in English.												
<b>Education levels</b>	<b><u>Undergraduate Levels:</u></b> Years 1, 2 and 3.  <b><u>Graduate levels:</u></b> Master 1 = year 4 Master 2 = year 5  There is no intermediate diploma delivered prior to the Diplôme d'Ingénieur (Master of Engineering) at ESTACA. ESTACA offers a five-year integrated programme. The Bachelor level is acquired after successful validation of year 3 (180 ECTS). The Diplôme d'Ingénieur (Master of Engineering) is accredited by the Commission des Titres d'Ingénieur (National Accreditation Agency).  Exchange students can take courses from any of these levels and from any programmes (taught in French or in English).												
<b>Class format</b>	Lectures, tutorials, laboratory work, group projects												
<b>Credit system</b>	Most classes are worth 3 ECTS 1 credit = approximately 20-25 hours of work per student 3 credits = 60-75 hours of work (including personal study time)												
<b>Grading system</b>	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><b>ESTACA grade</b></th> <th style="text-align: left;"><b>Evaluation</b></th> </tr> </thead> <tbody> <tr> <td>Range 0/20 to 6/20</td> <td>means very poor results (bad understanding)</td> </tr> <tr> <td>Range 6/20 to 8/20</td> <td>means poor results</td> </tr> <tr> <td>Range 8/20 to 10/20</td> <td>means that the lesson's core is understood (student can solve known problems)</td> </tr> <tr> <td>Range 10/20 to 12/20</td> <td>means that the lesson is understood (can begin to solve standard problems)</td> </tr> <tr> <td>Range 12/20 to 14/20</td> <td>means that the lesson is understood (can begin to solve advanced problems)</td> </tr> </tbody> </table>	<b>ESTACA grade</b>	<b>Evaluation</b>	Range 0/20 to 6/20	means very poor results (bad understanding)	Range 6/20 to 8/20	means poor results	Range 8/20 to 10/20	means that the lesson's core is understood (student can solve known problems)	Range 10/20 to 12/20	means that the lesson is understood (can begin to solve standard problems)	Range 12/20 to 14/20	means that the lesson is understood (can begin to solve advanced problems)
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	<p>Range 14/20 to 16/20 means that the student is more and more autonomous in his thinking in the given subject</p> <p>Range 16/20 to 20/20 means that the student shows a good maturity in the given subject</p>
<b>Language courses</b>	French languages courses are available at ESTACA. However, for the students enrolled in the regular program taught in French, a minimum level of French language is required (B2, according to the Common European Framework in languages teaching).
<b>Course descriptions</b>	Course and programme descriptions are available upon request at Farida Chabouni-Gabard.
<b>Course registration</b>	Students indicate their course selection with their initial exchange application. A space is reserved for students in these courses if available (this is confirmed with the admission letter). Upon arriving at ESTACA at the beginning of the term, students will be formally registered. From this point on, any changes to the course selection or course schedule must be done by the student directly and the student will need to inform his/her academic advisor at ESTACA.

### Internships

<b>Laboratory research internship</b>	Exchange students wishing to pursue an unpaid internship may do so only <u>after</u> their coursework study term. It is imperative that students have the <b>appropriate immigration documents</b> to cover their entire stay in France, including the internship (which is to be a study activity and not employment).
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### Housing

<p>ESTACA does not provide on-campus housing. It is generally the students' responsibility to try to find his/her housing. The International Office can also help the students in cases their own searches remain unfruitful.</p> <p>We recommend that students find their housing prior to their arrival in France. Nevertheless if they want to find it once here, they can stay in a youth hostel for the first few nights. Students will receive personalized help finding off-campus housing during the mandatory orientation week before the start of each term.</p>
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### Budget and expenses

<b>Sample budget</b>	<p>Monthly budget in Paris = approx. 900 euros (rent, living expenses, transportation)</p> <p>Monthly budget in Laval = approx. 700 euros (rent, living expenses, transportation)</p>
<b>Other expenses</b>	<p>Tuition Fees = European Master in Design and Technology of Advanced Vehicle Systems (11 000 euros for all European students, 18 000 for non-European students applying for marinecraft or spacecraft specialisations)</p> <p>Tuition Fees = Computer Aided Engineering and Design (applied to Automotive/Aeronautical engineering) 3500 euros</p> <p>Tuition fees = 1 academic year at ESTACA (2007/2008 = 6154 euros)</p> <p>Students coming to study at ESTACA in the framework of a Bilateral Agreement with the University do not have to pay tuition fees.</p>

### Health insurance

<b>Mandatory health insurance</b>	<p>It is <b>mandatory</b> for all international students studying at ESTACA for more than 3 months to subscribe to a French Student Health insurance. The documents will be provided upon arrival.</p> <p>Students from countries with which France has a bilateral agreement allowing for provincial health coverage in France must bring proof of this coverage to the International office upon arrival.</p>
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### Immigration documents

<b>Information about immigration documents needed to cover exchange period France:</b>	<a href="http://www.campusfrance.org/fr/a-etudier/etudes05-1.htm">http://www.campusfrance.org/fr/a-etudier/etudes05-1.htm</a> Students must hold all immigration documents upon arrival at ESTACA to register officially. Students should not leave their home country without these documents.
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### Campus facilities

<b>Student life</b>	<a href="http://www.estaca.fr/estaca/fr/associations.php?rub=2">http://www.estaca.fr/estaca/fr/associations.php?rub=2</a>
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