Séminar France-USA
March 2016

Catherine Martineau-Huynh
Vice-Dean International partnerships & affairs
Key Figures

STUDENT BODY
- 3,500 student-engineers
- 4,780 students
- 30% international students

STAFF
- 500 PhD candidates
- 70 post-doctoral students
- 67 full-time researchers
- 70 full-time faculty
- 482 administrative & technical staff
- 300 faculty-researchers

Budget
- 100 M€

Executive Education: Turnover +10 M€
- 300 training & degree programs, including:
  - 28 Executive Certificates
  - 21 Advanced Masters

Research Turnover: 23.7 M€

An influential alumni network:
- 31,500 alumni, in all economic sectors worldwide

15 research departments or teams:
- 1 research federation
- 1 international mixed team
- 2 international associated laboratories

124 corporate partners, including more than 20 SMEs

80 double degree agreements

193 partner universities in 45 countries
Digital Tech Program

A high-tech reinforced track for the most computer-literate students

Renaud Monnet (91)
Co-director of the “Digital Innovation” Chair at Centrale Paris and Supélec
Director, Digital Institute

Robert Vesoul (91)
Co-director of the “Digital Innovation” Chair at Centrale Paris and Supélec
CEO, ST Groupe
<table>
<thead>
<tr>
<th>Join a 3 to 6 month digital program located in Paris</th>
<th>Be part of a multicultural team of outstanding IT-passionate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work with large organizations</td>
<td>Develop and reinforce tech skills</td>
</tr>
<tr>
<td>On strategic issues around Digital innovation &amp; Business Model</td>
<td>Learn more about design thinking and digital transformation</td>
</tr>
</tbody>
</table>
Enrolled **full-time for 3 to 6 months**, students work in **teams of 3 to 4 students** on up to **3 different projects**

Each project aims at resolving a **real business issue** of a large or small company in **7 weeks**

Each project will result in the delivery of a Minimum Viable Product (MVP) or **prototype** and a defence

**Technical experts and design thinking coaches** are closely working with the students along the project

Students teams are **fully responsible** of their project delivery and **interact regularly with the companies**
6 months @ParisDigitalLab

**Key features**

- One MVP to develop
- One company to satisfy
- One business issue to solve
- One Team of 3-4 students
- 7 weeks to deliver the MVP

**Steps of a 7-week project**

- **Day 1: Project kick off**
- +3/4 days: Follow-up review
- +7/8 days: Scope review
- **Weekly sprint review**
- **Week 6: Final presentation**
- **Week 7: project delivery**

**Design Thinking period**

**Development and coding period**
Digital Tech Year in a few figures
Created last February 2015: a ten-month old program

34 students: Spring and Fall Sessions 2015

20 business partners:
Students work with big companies
On Strategic projects

Our business partners have a strategic issue to solve
Each project combines and requires tech and design skills to create and develop MVP’s

- Virtual guest book with augmented reality features
  iOS Native Application

- Reengineering of a key process in the insurance industry
  Responsive website for mobile devices with Java, AngularJS and Bootstrap

- Revolutionary connected device for Canal+, Group Vivendi
  Arduino (Mega, touch screen, wifi/BLE shileds), C, NodeJS, Websocket

- Game to entertain visitors during exhibition
  iOS Native Application

- Digital display on the store front of a real-estate agency
  jQuery, Symfony, Php
Program located in Paris
Students work in 2 locations

Avenue Charles de Gaulle
District: West Paris / La Défense Business Center

@ParisDigitalLab, 59 rue Nationale
District: South East Paris

On the Innovation Factory campus, students will benefit from an unique ecosystem: interaction with design, web and management students, conferences and meetings, Fab Lab, etc.

Students also spend some time with our business partners in their offices
Whatever the location, all students are coached by professionals on a wide range of technologies
FEES
Tuition fees apply, a number of scholarships covering tuition are available

APPLICATION
Fill in the excel form and send it back to digital.techtalents@listes.centralesupelec.fr

CONTACT
For more information:
Armelle Hellara
Digital Tech Year Program Manager
armelle.hellara@centralesupelec.fr