



Make your own robot

Epitech & ESME Sudria
Summer School 2022



ESME IN A NUTSHELL



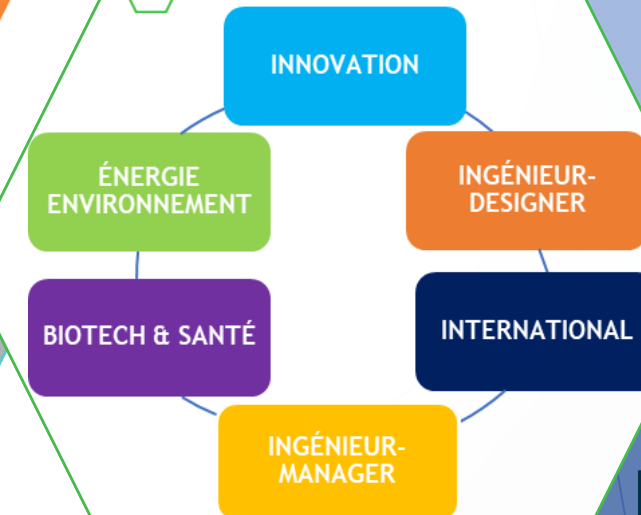
5 campus
2 500 étudiants
et apprentis

40 student
unions across
the 5 campus

A multi-
disciplinary
engineering
education

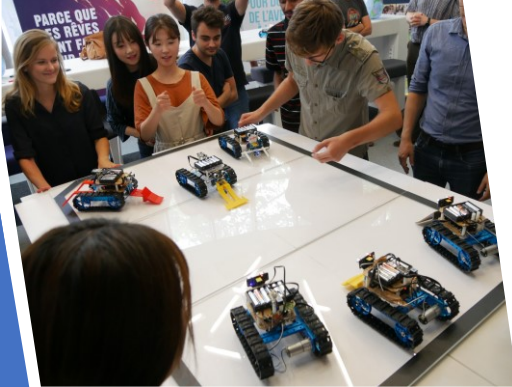
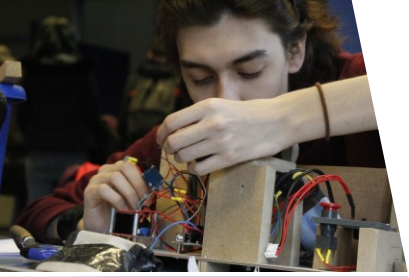
16 majors
Including
3 majors fully
taught in
English

15 500
alumni



ESME'S PAST AND FUTURE

- ▶ Established since 1905, in the center of Paris, France
- ▶ Multiculturality at the core of our school's principles
- ▶ International students from all over the world each year
- ▶ Partnerships with more than 450 Companies in engineering fields, on national and international scales



STUDIES AT ESME

- ▶ European calendar (Fall Semester - Spring Semester)
- ▶ A practice-oriented curriculum where students explore a different teaching approach :
 - Labs, Contests, Hackathons, Group Workshops, Summer Schools, Internships,...
- ▶ Unlimited access to a network of pedagogical E-Smart labs
 - (3D printers, laser cutters, digital milling machines, etc.)





INTERNATIONAL PROGRAMS

- ▶ Multicultural Cursus taught for national and international students together, 100% taught in English
- ▶ Full Engineering Master's degree (5 years - undergraduate and graduate program combined)
- ▶ 3 Master's degree of Engineering (2 years - Graduate program)
 - Cybersecurity
 - Internet of Things & Smart Cities
 - Energy Conversion & Management

Discover Epitech

- Established in 1999
- One of the largest IT schools in France
- Over 6500 students
- 15 campuses in France and 5 abroad
- Innovative learning approach
- All courses in English



So [...] what is Epitech?

Say goodbye
to your traditional
classroom



And hello to a whole new way of learning



The Epitech Method



Bootstrap

Project and
code review

Delivery

Kick-off Meeting



Follow-up





EPITECH & ESME Summer School 2022

**Immerse yourself in the
exciting world of Robots !**



3 weeks



July 4 to 22

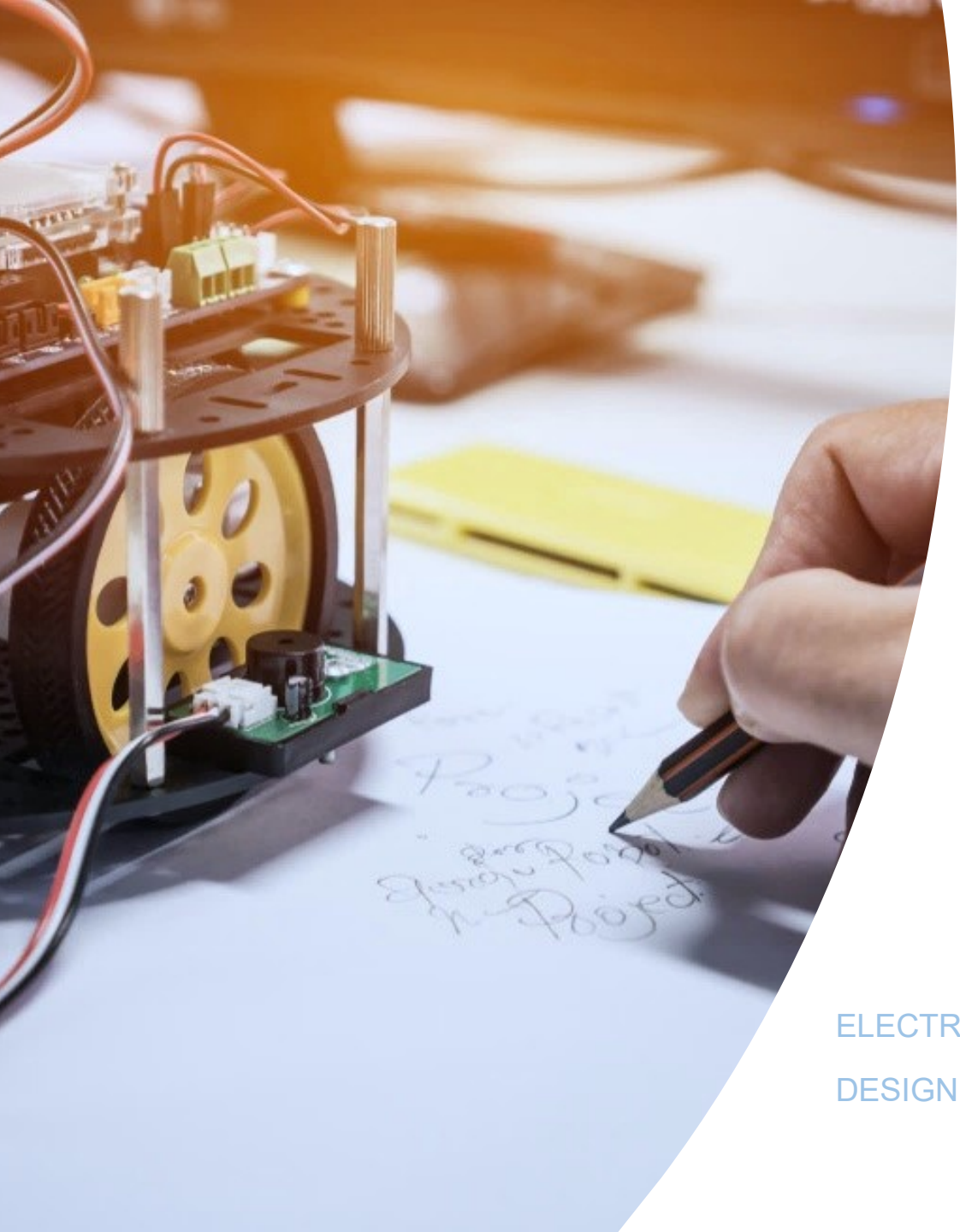


6 ECTS



Online and on-site





Experiment & learning outcomes

Technical Skills

+

Soft Skills

- Ability to use a set of digital tools and methods to build a product
- Ability to solve problems independently and as a team
- Ability to coordinate multiple, interdisciplinary tasks in order to achieve a goal
- Ability to apply newly learned information to define, design and lead a project
- Ability to drive a project and to meet deadlines

ELECTRONICS, ROBOTICS, CREATIVE CODING, DESIGN, CAD, DIGITAL ARTS

DESIGN THINKING, CO-WORKING, TROUBLESHOOTING, PROJECT MANAGEMENT



Agenda outline:

Week 1

Introduction to Electronics

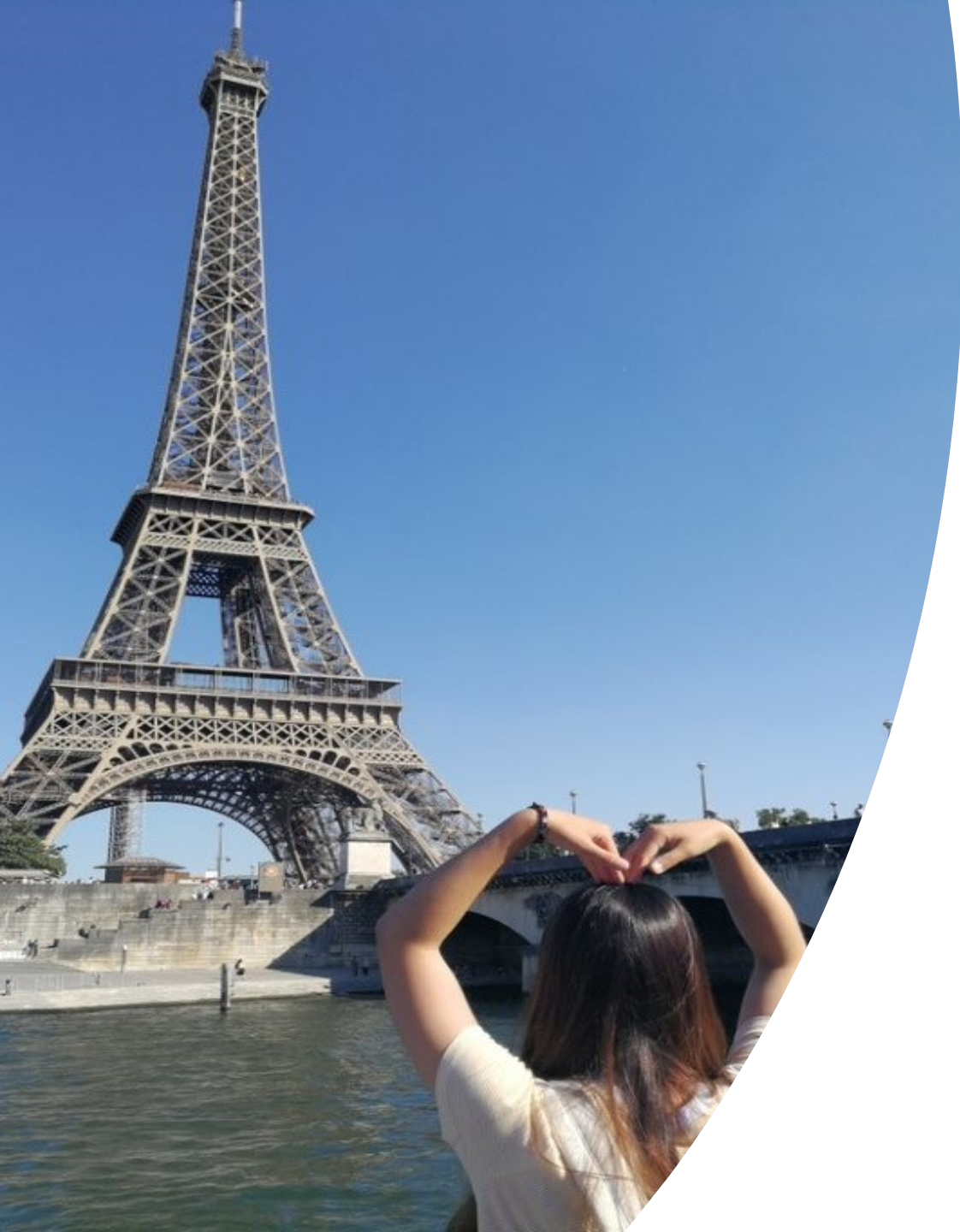
Week 2

Assembly & Simulation of the robot > 3D Modeling (CAD)

Week 3

Bring your robot alive, be creative!

ELECTRONICS, ROBOTICS, CREATIVE CODING, DESIGN, CAD, DIGITAL ARTS
DESIGN THINKING, CO-WORKING, TROUBLESHOOTING, PROJECT MANAGEMENT



Program Fees:

Online:

- 900€ (all students)
including courses, robotic material, online activities

On site:

- 2,400€ all-inclusive
- 2,200€ partner rate

All-inclusive:

- Courses
- Robotics material kit
- Housing
- Breakfast and lunch on weekdays
- French Language courses
- All cultural activities & trips
- The farewell party
- A 3-week Paris transport pass and a lot more!



Application information:

Admission requirements:

- Basic knowledge in Science and Technology Basic knowledge in programming
- English proficiency equivalent to B2 level

Application documents:

- Online application
- Copy of Passport
- Transcripts of the last two years of studies
- Certificate of English proficiency
- Short statement explaining your interest for this program



Application information:



Application deadline:
May 31st

Apply online:

<https://summer-schools.fr/epitech-technology-esme-summer-school-2022-application/>

Stay



at



Cité-U



Stay at Cité-U, the International University Campus in Paris! | Historic buildings and gardens 20 minutes from campus via Tram | Breakfast included



Cultural activities in Paris



Thank you for your attention!

Contacts :

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