



**EBEC**  
**EMPOWERED**  
**BEST ENGINEERING COMPETITION**

# **Survival Guide**

**EBEC Porto 2024**

# Index

<b>EBEC Porto</b>	<b>2</b>
Case Study	2
Innovative Design	2
<b>Who is organising EBEC Porto'24?</b>	<b>3</b>
<b>Location</b>	<b>3</b>
<b>What to bring to the competition</b>	<b>3</b>
<b>Tips to Survive</b>	<b>4</b>
<b>Important Rules</b>	<b>4</b>
<b>Communication Channels</b>	<b>4</b>
<b>Workshops</b>	<b>4</b>
<b>Schedule</b>	<b>5</b>
<b>FAQs</b>	<b>6</b>
<b>Contacts</b>	<b>8</b>

## EBEC Porto

**EBEC (Empowered BEST Engineering Competition)** is **one of the biggest Engineering and Technology Competition** in Portugal that is designed to develop critical thinking, problem-solving techniques and creativity in the participants while working as a team to **solve the proposed problem in 24 hours**.

EBEC Porto will take place from the **24th to the 26th of February 2024 with a networking session on the first day**.

Due to its big academic interest, **this competition is credited by the University of Porto with 1,5 ECTS**. Any further questions can be answered by the academic services of each FEUP and FCUP's departments.

The competition has two categories:

### ***CASE STUDY***

In this category, the teams have the opportunity to **analyse and solve two problems based on a real scenario**. For this, the team can use their creativity together with several means of research to present their solution in 24 hours.

### ***INNOVATIVE DESIGN***

In the **Innovative Design** category, the objective is to **build an innovative prototype**, using limited materials, that responds adequately to the requirements of a previously presented problem. Thus, participants will have 24 hours to design an efficient solution based on their technical expertise, problem-solving and decision-making capabilities.

## Who is organising EBEC Porto'24?

EBEC Porto is organised by the Local BEST Group of Porto.

**BEST (Board of European Students of Technology)** is a non-profit, non-governmental student organisation. BEST promotes the development of technology students on a daily basis, providing them with tools that complement their area of study, encouraging national and international communication and cooperation, ensuring the exchange of experiences and values.

**BEST Porto**, a Local BEST Group, is present in the Faculties of Science (FCUP) and Engineering (FEUP) of the University of Porto, being headquartered in the latter. Currently, BEST Porto has more than 90 members and organises several events every year. Our Local Group shares the same vision as BEST International, Empowered Diversity, and believes in personal and professional growth, through contact with that diversity.

## Location

The competition will take place at FEUP. The exact classrooms where you will compete, eat and sleep will be announced later, don't worry!

## What to bring to the competition

- Comfortable clothes;
- Personal care products;
- Sleeping bag;
- Identification card;
- University card;
- Computer and its charger;
- Phone charger;
- Whatever you want to bring to cheer everyone up;
- Good mood ;)

## Tips to Survive

- Get enough sleep the day before the competition;
- Recharge your batteries during the Coffee Breaks;
- Relax and have fun by participating in the Mini Tasks available;
- Enjoy the competition.

## Important Rules

- Attendance **at the opening ceremony for all team members and at least two team members at the closing ceremony is mandatory**. If you cannot attend, you must notify the Participants Responsible.
- Leaving the competition site is only permitted by providing an early warning to the Main Organiser or Participants Responsible.
- After the event, your team has to submit each member's CV and fill in the feedback form that will be provided to you at the end of the competition.
- You can check EBEC Porto's regulation for more information regarding this topic by clicking on this [link](#).

## Communication Channels

- Closer to the event, a WhatsApp group will be shared with all the participants.
- During the event, there will be organisers to give you updates and answer any questions you may have.
- You can check more information about the event on our [website](#).

## Workshops

All the participants have to attend the following trainings:

- **Electronics Workshop**, by Núcleo de Estudantes de Engenharia Electrotécnica e de Computadores (NEEC)
- **Pitch Workshop**, by Sociedade de Debates da Universidade do Porto (SdDUP)
- **Sustainability Workshop**, by Commissioner for sustainability
- **Tools Workshop**, by Mariana Sousa, Competitions Coordinator of BEST Porto

## Schedule

Hours	February 24th	February 25th	February 26th
00:00-00:30			
00:30-01:00			
01:00-01:30			
01:30-02:00			
02:00-02:30			
02:30-03:00			
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10:00-10:30			
10:30-11:00			
11:00-11:30			
11:30-12:00			
12:00-12:30			
12:30-13:00			
13:00-13:30	Reception		
13:30-14:00			
14:00-14:30	Networking Session		
14:30-15:00			
15:00-15:30			
15:30-16:00	Official photo		
16:00-16:30			
16:30-17:00	Opening Session		
17:00-17:30			
17:30-18:00			
18:00-18:30			Closing Session
18:30-19:00			
19:00-19:30			
19:30-20:00			
20:00-20:30			
20:30-21:00	Competition		
21:00-21:30			
21:30-22:00			
22:00-22:30			
22:30-23:00			
23:00-23:30			
23:30-00:00			

## FAQs

### **How and until when can I register?**

You can register through the button "Register here" on our website or through the following [link](#) from the 5th to 18th of February.

Registrations will be considered according to the deposit payment order and not according to the order of filling in the registration form.

### **Where is the competition?**

The competition will take place in person at FEUP, as will the workshops.

### **How many members should my team have?**

Each team is constituted by 4 members. But you can register individually or even in groups of 2 or 3 members and, after that, you will be allocated into a team that lacks members.

### **Should I have prior knowledge of some specific theme?**

You only need to know basic concepts of science and engineering and to be interested in challenges! You should have the will to work in a team and spend a fun weekend with your friends. You don't need anything else!

### **Does the organisation provide meals to the participants during the weekend of the competition?**

Yes. BEST Porto assures all of your meals, according to each one's needs, during the 24 hours of the competition (Saturday's dinner, Sunday's breakfast and Sunday's lunch). Besides that, during the weekend we will have coffee break spaces available.

### **Do we have to pay to participate in the competition?**

No, you only have to leave a 6 euro deposit per person. This deposit is given back to you at the end of the competition, after you fill in a feedback form and only if you obey all of the expressed clauses in the regulations.

### **I'm still a freshman in college. Can I participate in EBEC?**

Of course! Every student of FEUP and FCUP can participate in EBEC.

### **I'm already doing my master's/ PhD. Can I participate in EBEC?**

Yes! As long as you are studying in FEUP or FCUP, you can participate.

### **Is it true that the competition is credited?**

Yes, the rectory of the University of Porto credits EBEC since 2013/2014 with 1.5 ECTS to the participants. You will only receive credits the first time you participate in EBEC, for each of the modalities. Your course director decides the acceptance, or not, of your credits.

To access the 1.5 ECTS you have to:

- Have a good performance in the competition;
- Fulfil all the clauses in the regulations.

For more detailed information we recommend you read the article "Getting the credits" of the [regulation](#).

### **Does the competition last 24 hours?**

Yes, the competition itself lasts 24 hours, which is the time each team has to solve the given problem. Besides the 24 hours, you also have the networking session, the opening and closing session and the presentations.

### **How am I evaluated?**

It's up to the event organisation to inform the jury of the criteria of evaluation with a list of all the teams competing so that the selection of the winners will be easier.

### **If I have to skip classes, does BEST Porto justify it?**

If you have to miss classes to participate in the workshops, BEST Porto justifies them for that day. You only have to ask the Participants Responsible for that same justification until the day of the workshop.

### **When will we know the challenge that we have to solve?**

At the opening session, the challenge will be presented and all of the potential doubts will be clarified.

### **Can I leave the competition venue during the challenge?**

Displacements are only allowed inside the building. If you have to leave the place, you need a proper justification and the authorization of the Main Organizer or Participants Responsible. Other situations will be taken into consideration by the organisation.

### **Can we have access to external information?**

Participants will have Internet access and should bring at least one computer per team.

### **What are the restrictions to the participants during the challenge?**

In case any team members don't follow the rules of the regulation, the team is



disqualified and loses its deposit as well as the access to the 1.5 ECTS.

If the team is unable to present a solution to the challenge, the penalty is decided by the judges.

For more information about possible penalties that may occur, we advise the reading of the event regulations, in the article that corresponds to irregularities.

### **Are there any prizes?**

Yes! All the prizes will be announced during the event, at the closing session.

### **Why do the presentations and the reports need to be made in English?**

Through diverse learning approaches, BEST promotes the development of students and that includes their proficiency in the English Language, which is of great importance for European students. Furthermore, the EBEC competition is open to all students, thereby including foreign participants.

## **Contacts**

If you have any questions, don't bother asking us!

### ***Main Organizer***

Maria Taveira - [maria.taveira@best-eu.org](mailto:maria.taveira@best-eu.org)

### ***Participants Responsible***

Sérgio Sousa - [sergio.sousa@bestporto.org](mailto:sergio.sousa@bestporto.org)