



Electronics Safety Systems

Green innovation meets performance

Our Project

Formula Electric Belgium is a team of engineering students who build a **Formula-Student racecar** to compete in international competitions. We design and build a brand-new car every year and compete with other teams in multiple worldwide competitions during the summer months. Formula Student is by far the biggest **engineering competition** in the world and continues to grow. From next year on, we will be competing in both the **electrical** and **driverless** competition. You can join the project as a volunteer, this allows you to contribute to the next race car whilst keeping a flexible schedule.

Tasks

Electronics is an important part of the car. Without it you will be able to roll the car but you can't drive it. Because we are a student team and one of our biggest priorities is to keep the driver **safe**, the car has a lot of safety systems.

The rules regarding these safety systems tend to change with **new regulations**. Your task is to redesign and build these safety systems.

He/she gets the freedom to work separately under supervision of an electronics engineer.

Profile

- Knowledge and small experience about sensor processing
- Knowledge about general electronics
- Problem solving skills (creativity)
- Team player with a goal to learn

Returns

- A unique engineering experience
- Contact with companies at the leading edge of technology
- Applying your engineering skills in the real world
- Developing your hard- and soft-skills in a company-like environment
- Work in a team with young motivated engineers

Up for the challenge?



Want to do a similar case within the team? Submit your **resume** and **motivation letter** (one page) to volunteers@formulaelectric.be