



FORMULA STUDENT

Balkans

Changelog

V0.1 – Initial release (12.01.2026)

V0.2 – Team Description Pack added (18.01.2026)

General Information

Formula Student Balkans

Formula Student Balkans (FSBk) is part of the Formula Student competition series and is open to entries for open-wheel vehicles from student teams.

The main purpose of the event is to expand the Formula Student Network in Romania and in the Balkan region.

Furthermore, the event aims to:

- further develop the knowledge and interests of students, through the support of government, industry, and academia, by providing the students with an opportunity for the practical application of skills and knowledge acquired in their classroom studies. The students will play the main role in planning, designing, and constructing an automobile on their own which will be judged and tried.
- be a place where knowledge and skills are verified while placing the highest priority on ensuring safety.
- conduct the competition in connection with representatives of industry, government, and academia.
- conduct the competition with a wide range of both individual and corporate volunteers.
- provide networking opportunities for students and private and state industries.

Applicable Rules

The competition will be held in compliance with the "Formula Student Rules 2026 v1.1". Changes and additions specific to FSBk are located within this document and supersede the respective sections of the published "Formula Student Rules 2026 v1.1" document. The FSBk Competition Handbook is to be considered part of the rules. In case of any contradiction between this document and "Formula Student Rules 2026 v1.1", the FSBk rules are to be considered valid.



Competition Format & Organizer

Formula Student Balkans 2026 (FSBk2026) will consist of two classes: **Internal Combustion Vehicle (CV) Class** and **Electric Vehicle (EV) Class**. Each vehicle class constitutes an independent competition with its own separate classification, provided that a minimum of six (6) different competitors are registered in the respective class. Furthermore, **within each vehicle class, a Class 2 ("Concept Class") will be available**, in accordance with the Formula Student class structure.

The competition will be open to:

- 15 CV Class teams o Including 'Hybrid Vehicles'
- 15 EV Class teams o excluding Hydrogen Prototype teams
- 5 CV/EV Alumni class teams
- There will be no Driverless Class/Cup at FSBk2026

The competition organizer is "Asociatia Formula Student Balkans". Formula Student Balkans is a registered trademark from "Asociatia Formula Student Balkans"

Competition Language

The competition language is English.

Contact

The official competition website is: www.fsbalkans.ro

Email: contact@fsbalkans.ro

Phone number (only in case of emergency): +40770773098 / +40743977012

Social media:

- Instagram: @fsbalkans
- Facebook: Formula Student Balkans
- LinkedIn: Formula Student Balkans



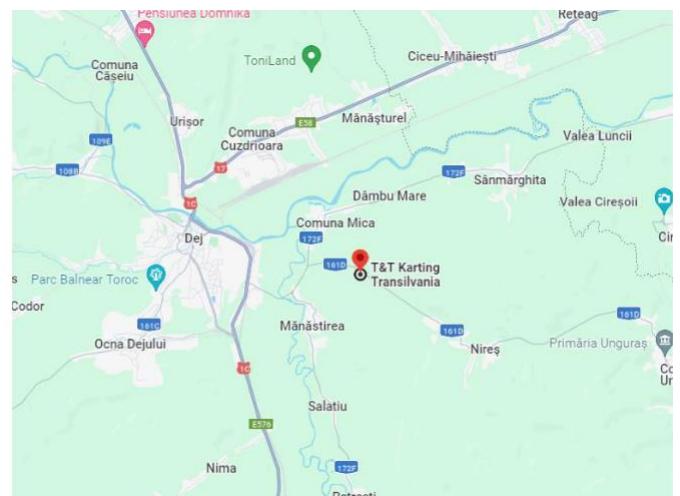
Event Info

Competition Dates and Place

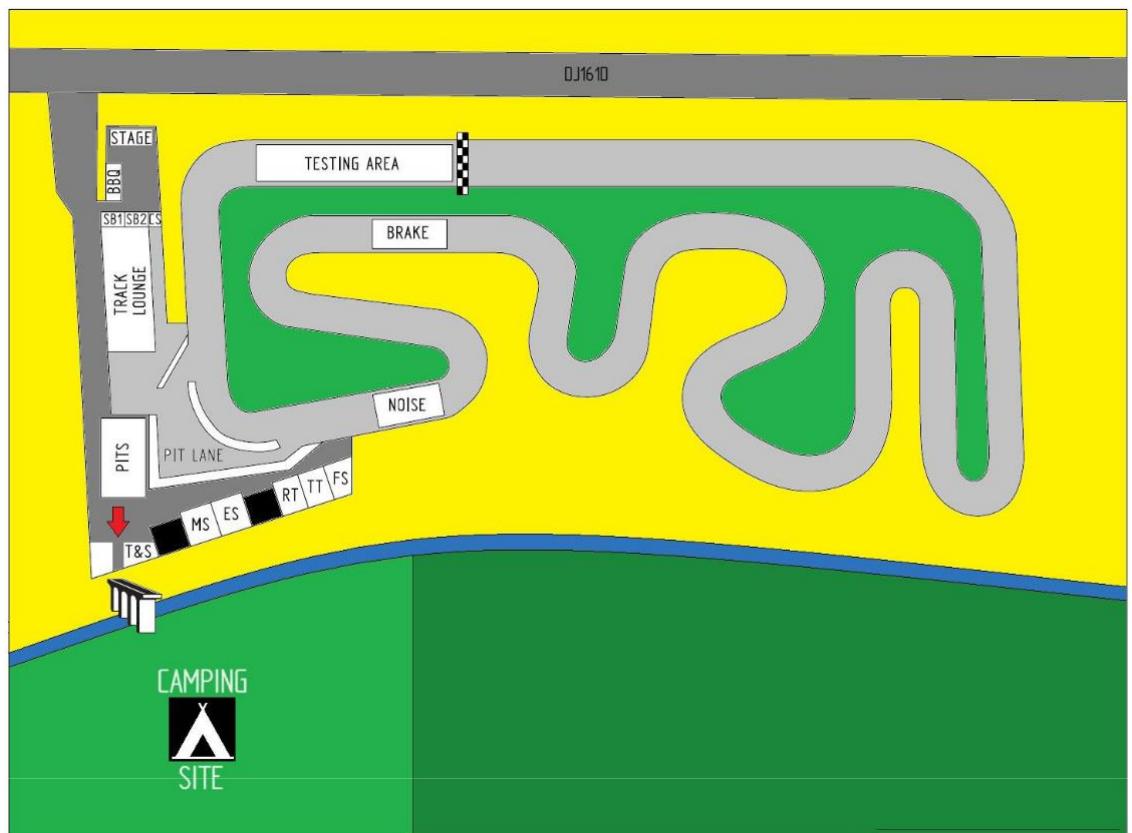
FSBk2026 will be held from **Sunday 12th of July until Friday 17th of July 2026**, at the T&T Karting Transylvania Circuit near Dej, Romania. Please refer to the upcoming time schedule for detailed timing.

Address:

[T&T Karting Transylvania Circuit DJ161D, Nires 407395](https://www.google.com/maps/place/T&T+Karting+Transylvania+Circuit+DJ161D,+Nires+407395/@46.111111,23.516667,15z)



Event Map



Team Members & Registration

Team members must comply with the eligibility criteria defined in section **A4.2 of the FSG Rules 2026 v1.1**, including enrolment in an accredited undergraduate or graduate programme where eligible. Team members with professional experience remain eligible only if they meet all rule requirements. Every team must complete a Team Member Registration Form (TMRF) prior to the competition; a template will be provided on the official event website.

All individuals are responsible for maintaining valid health insurance coverage for the duration of the event. The FSBk organization may conduct random checks to verify that participants hold valid health insurance.

Team Manager & Team Manager Meetings

Each team is required to assign one person as team manager. The team manager must attend all team manager meetings. A team manager is responsible for the distribution of official competition information as presented in the team manager meetings to their team. A handout of a team manager meeting will be available on the website/shared via WhatsApp group community after the meeting.

Team Managers are required to join a WhatsApp community for general competition announcements. Joining the community will be done on site, during registration.

Faculty Advisors

For FSBk2026 Faculty Advisors must be registered as Team Members on the TMRF. Faculty Advisors may stay on the campsite with the team. Faculty Advisors may not participate in any events or perform any tasks related to the competition that can be done by students.

Official protests

If any disputes shall arise, the teams can submit a written complaint at any time via contact@fsbalkans.ro . Complaints must be submitted within 6 hours of the alleged dispute. The complaint will be processed within 24 hours of submission. If the formal protest is rejected, the team may surrender 15 points from the overall score.



Registration Procedure

In order to register for the competition every team must fulfil the following conditions:

- Create a team account on the FS Balkans competition's website
- Have an active FSG team account
- Fill out the registration quiz on the **29th of January 2026 19:00CET**
- Upon completing the form, applicants will be ranked based on their submission time and the accuracy of the answers
- A proforma invoice will be sent to the first applicants
- Payment of the proforma invoice will be required by **04th of February 2026**.
From **5th of February 2026 to 13th of February 2026**, registration will remain open to all applicants until all available slots are filled.
- Final results regarding the registered teams will be published on the **14th of February 2026**.

The Registration Quiz

- Will be available on the **29th of January 2026 19:00CET on our website**
- Will contain information about the team, such as team name, university, class, car No. and information regarding the invoice details.
- Will contain Questions about common engineering knowledge and good understanding of the formula student rules
- Protests can be made from the 29th of January 2026 23:00 CET until the 30th of January 2026 23:00CET at contact@fsbalkans.ro
- Final results and quiz answers will be published on the **31st of January 2026 12:00CET**.

Car Number

Teams can indicate their desired car number during registration.

The following system will be applied to distinguish classes and drivetrains:

- 0-999 EV Class (letter E + three-digit number, eg: E001 / E999)
- 0-999 CV Class (three-digit number eg: 021 / 111)
- 0-999 CV Hybrid Class (letters HY + three-digit number, eg: HY111)
- 0-999 Alumni Class (three-digit striped number eg: 111)



Pit Garage & Campsite Deposit

To ensure all teams leave their Pit Garage and Campsite spots in clean condition a cash deposit of **€70**, - must be made at arrival at the event site Track Lounge.

Data Loggers

The data loggers used in the competition will be provided at the registration office. The data loggers used will be the same as the [FS East Data Loggers](#)

A refundable deposit of **€100** will be collected for the Data Loggers after the vehicle has successfully passed Electrical Scrutineering and must be paid at the Track Lounge.

Transponders

No transponders will be used during the competition. All timing and tracking for dynamic events will be performed using a **laser-based timing system** operated by the FSBk organization.

Teams must ensure that **no reflective, highly polished, or mirror-like surfaces** are present on the vehicle in areas that may interfere with the laser timing system. Any elements that could cause false triggering or interference with the laser sensors must be avoided.

Compliance with these requirements will be verified during Mechanical Scrutineering, and vehicles not meeting the above conditions may be required to apply temporary mitigation measures (e.g. matte coverings) before being permitted to participate in dynamic events.

Dynamic Vests

A refundable deposit of **€30** will be collected for the dynamic vests and must be paid upon arrival at the event site at the Track Lounge. Each team will receive four (4) dynamic vests and two (2) media vests. Electric Vehicle (EV) teams will additionally receive two (2) blue vests designated for the Electrical Safety Officer (ESO).

Dynamic vests must be always worn within the dynamic area, except by the driver when seated inside the vehicle. ESO vests must be worn by the designated Electrical Safety Officers in accordance with EV safety regulations.

Team members wearing a media vest are not permitted to work on the car, push the car, or carry any items, except for media equipment.

Failure to comply with these rules will result in a penalty of 20 points deducted from the overall team score.

In case of loss of any vest, a fee of €5 per vest will be charged and deducted from the deposit.

Competition fee

Registration Fees

- **CV / EV Class: €2450 (VAT Incl.)**
- **Class 2 (Concept Class): €1000 (VAT Incl.)**
- **Alumni Class: €1500 (VAT Incl.)**

The registration fee must be paid by **04th February 2026, 23:59**. This amount covers registration and camping fees for up to 25 team members.

The fee for additional team members is €60 per person (VAT included).

For international bank transfers, teams are required to have a proof of payment available in case of processing delays.

Payment Procedure

Bank details will be provided to each team when the proforma invoice is issued. After the payment has been received, a final invoice will be issued accordingly.

Please ensure that you regularly check the inbox of the email address used when creating the team account, including the spam folder. If you still encounter any issues, please contact us via direct message on Instagram or LinkedIn.

We understand that securing funding for a team and multiple competitions can be challenging. Therefore, if you experience any difficulties in paying the full amount by the specified deadline, **we strongly encourage you to contact us as early as possible** so that we can discuss potential solutions.

Refund Policy

In case the organizer cancels the event at any date before April 1st 2026, registration fees, campsite fees and deposits are 90% refundable.

In case the organizer cancels the event at any date after May 1st 2026 registration fees, campsite fees and deposits are 70% refundable.

In the event that a team withdraws or cancels its participation, for any reason and at any time, registration fees, campsite fees, and deposits are non-refundable.

Campsite



All teams are required to use the on-site campsite facility. The campsite is located on the venue premises and allows for easy access to all venue facilities.

The campsite fee includes the use of campsite facilities such as power supply, drinking water, sinks, toilet facilities, and shower facilities. In addition, for every two camping pitches, a lighting pole equipped with electrical outlets is provided, as well as a drinking water fountain, to ensure convenient access to power and potable water for all teams. A campsite pitch is approximately 20m x 18m. Pitches will be assigned to teams by the event organization; there is no free choice or first-come-first-serve system.

Free Wi-Fi will be available on both the campsite and the event site throughout the competition.

Earliest arrival: July 11th 09:00 CEST

Latest departure: July 18th 15:00 CEST



Campsite Rules & Safety

The use of music speakers or sound systems exceeding a total output power of 100 W is not permitted on the campsite after 00:00 during the competition.

To ensure a respectful and comfortable environment for all participants, **quiet hours will be enforced on the campsite after 00:00**. Any form of excessive noise may result in penalties.

To accommodate teams wishing to socialize, the organizer will provide a **designated "chill & music area"**, arranged in such a way that **music and social activities do not disturb teams who wish to rest**. Teams are required to use this designated area for music and social gatherings outside the quiet hours and to always follow the instructions of event officials. Teams causing excessive noise or disturbing other participants may be penalized or excluded from the competition.

The use of motorcycles, quads, bicycles, scooters, skateboards, e-scooters, or any other self-propelled or motorized mobility devices by team members or spectators is strictly prohibited on the campsite and within the event area. Teams found using such devices may be penalized or excluded from the competition.

No vehicles are permitted on the campsite, except for loading and unloading during official arrival and departure days. A designated parking area will be assigned for all the vehicles.

Campervans and caravans are permitted on the campsite only if explicitly approved by the organizer in advance. Teams intending to bring campervans or caravans must notify the organizer prior to the event and provide relevant details, including vehicle dimensions, electrical power requirements, and water needs, to allow proper planning and allocation of the campsite area.

Teams are required to keep the campsite clean and to dispose of waste only in designated containers. Failure to do so may result in penalties.

Teams are responsible for the behaviour of all their members and guests on the campsite and within the event area.

The consumption of alcohol is permitted on the campsite, provided it is done responsibly and in compliance with local laws and event regulations. The use, possession, or distribution of illegal drugs is strictly prohibited. Any violation of this rule may result in immediate exclusion of the team from the competition.

Running or working on competition vehicles on the campsite is strictly prohibited, except for the following permitted operations:

- Cleaning
- Applying stickers and decals
- Changing rims and tyres
- Fitting and removing bodywork and aerodynamic devices

The use of power tools, welding, grinding, running of tractive systems, or any work on high-voltage systems on the campsite is strictly prohibited and may result in immediate exclusion of the team from the competition.

Any other violation of this rule may result in penalties or immediate exclusion, at the discretion of the organizers.

All campsite rules are enforced by the organizers and event officials.

Failure to comply with instructions given by officials may result in penalties or immediate exclusion from the competition.



Event Site

The event site consists of all paddock areas, including the static event area, the scrutineering area, the pit garages, all dynamic event locations including spectator areas, the media centre, the business plan presentation rooms and the track lounge.

Event Site Rules & Safety

The use of motorcycles, quads, bicycles, scooters, skateboards or other similar mobility devices as well as self-propelled devices in general by team members and spectators is prohibited.

Teams utilizing any of the listed mobility devices may be penalized.

No vehicles are allowed on the event site, except for loading and unloading during pit construction and deconstruction times. Teams with vehicles on the event site outside of these timeslots may be penalized.

The use of alcohol or any other drug is strictly prohibited. Team members may be asked to perform a breath analysis if doubts arise.

 **Running on the event site is prohibited!** 

Arriving at the venue & Parking

Upon arriving at the venue, a team must proceed first to the Track Lounge to register the team. An official will guide you to the campsite from the Track Lounge, this process must be coordinated due to limited access roads on the campsite.

Drivers & Driver Registration

Driver registration will take place at the Track Lounge. All drivers must have their government issued driver's license and national ID card as well as their student ID ready for inspection.

ESO Registration

Electrical System Officer registration will take place at the Track Lounge. All officers must have their ESO certificate, national ID card as well as their student ID ready for inspection.



Pit Garages

All teams will have access to a pit garage on the event site. A standard 25x15m pit tent is shared amongst the teams. Therefore, each team has approx. 5x5m of space available in their pit garage, to leave a 2m gap between pits in order to make a driveway. A list of pit garage allocations will be published before the event on the competition website

Pit Garages will only be available from **July 12th 19:00 CEST, until July 17th 18:00 CEST.**

Team Manager Meetings

Team Managers are required to attend Team Manager Meetings (TMM). Team Manager Meetings will take place in the Track Lounge. Please see the time schedule for exact times.

Driver Briefings

Driver Briefings will take place in the Track Lounge. A separate briefing will be organized for each dynamic event. Please see the time schedule for exact times.

Event Photo

All teams are required to attend the event photo. Final timing and instructions will be published before the event.

Team Photo

A dedicated team photo session will be organized during the event. Each team is required to schedule its team photo session with one of the official event photographers at the Track Lounge.

Live Streaming & Timing

Live streaming will be available via YouTube.

All dynamic events will be live streamed. Live timing is available on the competition website.

Team Description Pack (TDP)

Each team is required to submit a Team Description Pack (TDP) prior to the competition. The TDP must be completed using the official template provided by the organizer, available for download on the FS Balkans website (www.fsbalkans.ro), and teams must follow the formatting and content guidelines specified therein.

The TDP is an official team profile document used for event presentation, media coverage, commentary support, and official communication during the competition. It allows organizers, judges, volunteers, and media representatives to become familiar with the teams, drivers, and vehicles participating in the event.

Grandstand & Visitors

Visitors must register at the Track Lounge. A visitor fee of 10 EUR per day applies. Upon registration, visitors will receive a visitor badge and a visitor vest, which must be worn at all times inside the event area.

The visitor pass includes:

- Access to the pit area (boxes)
- Access to the grandstands / spectator areas
- One complimentary beverage per day (coffee, water, or soft drink)

Failure to comply with visitor registration and identification requirements may result in denial of access to restricted areas, at the discretion of the organizers.

More information will follow closer to the event.

Warnings & Penalties

Any violation of the rules may lead to a warning or penalty. Warnings can be issued in writing or verbally by event officials. Any penalties will be issued in writing and will be published publicly after the event.

Waiver of Liability

The team should bring a filled our Waiver of Liability, template available on the official website to the registration.



Food service

A food truck will be available on the spot. Feel free to order some food there! A catering service will be available. We will provide a menu to order lunch for the next day. More information on the first team manager briefing!

General Safety Disclaimer

⚠️ Motorsport is inherently dangerous. ⚠️

All participants, team members, officials, volunteers, and spectators acknowledge and accept the risks associated with motorsport activities and participation in the event.

All individuals must comply with the Formula Student Rules, local laws, and all instructions always given by event officials. Failure to follow safety regulations or official instructions may result in penalties, removal from specific areas, or immediate exclusion from the competition.

Each participant is personally responsible for their own safety, the safety of others, and for ensuring that their actions do not endanger people, vehicles, or property.

The organizer reserves the right to restrict access, suspend activities, or exclude any individual or team from the event in the interest of safety, without entitlement to compensation or claims.



General Rules

Safety Rules for the competition Site

EMERGENCY

In case of an emergency, immediately seek assistance by locating an event official with a radio or by calling the emergency number 112 yourself.

Do not endanger yourself while attempting to help others.

IN CASE OF FIRES (FUEL, OIL, PAPER, WOOD, ETC.)

- Assist injured persons only if it can be done without risking your own safety.
- If safe to do so, leave the area immediately and provide first aid at a safe distance.
- If an electrical consumer is on fire, disconnect the power supply first, only if this can be done safely.
- If a vehicle is on fire, assist the driver's evacuation, if possible, by spraying the area around the cockpit using a fire extinguisher.
- Do not attempt to extinguish the fire unless you are trained and it is safe to do so.

IN CASE OF ACCUMULATOR FIRES

- Immediately evacuate the area and keep a minimum distance of at least 5 meters from the burning accumulator.
- A burning or overheating accumulator is extremely dangerous.
- Do NOT attempt to extinguish the fire.
- Avoid inhaling fumes and stay clear of hot debris or sparks.
- If possible and safe, provide first aid to injured persons away from the fire.
- Wait for emergency services (firefighters and medical personnel) to arrive and handle the situation.
- In case of electric shock, do NOT give the victim food or water.

IN CASE OF ELECTRIC SHOCK

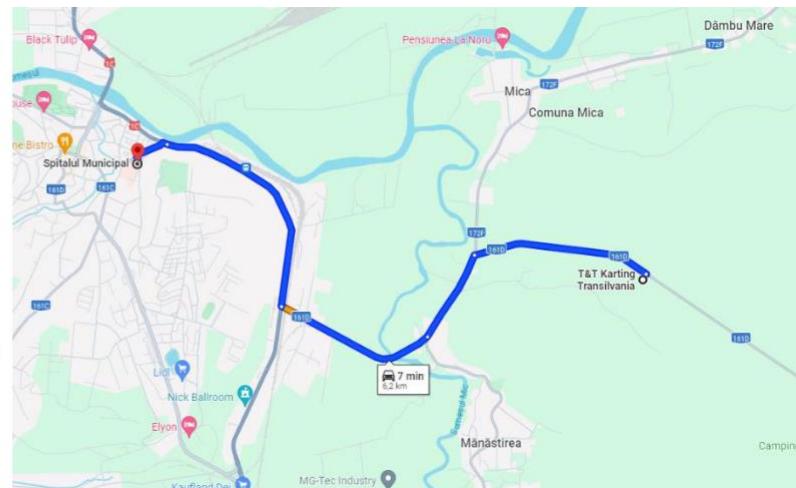
- If possible, activate the emergency stop buttons and wait until the Tractive System Active Light (TSAL) switches off. Be aware that this may take up to 5 seconds.
- Do not touch the victim until the system is confirmed to be de-energized.
- Communicate with the victim and assess their condition if possible.



- If it is absolutely necessary to move the victim away from a live contact:
 - Insulate yourself using dry gloves, multiple layers of dry clothing, or an HV insulation blanket
 - Avoid slipping or falling during the rescue
- Do not move the victim if spinal injuries are suspected, unless there is imminent danger (no response, no pulse, no breathing).
- Provide artificial respiration if the victim is not breathing.
- Perform CPR only if you are trained and if there is no pulse.
- Keep the victim warm, comfortable, and under observation until emergency services arrive.

Nearest Hospital

Street 1 Mai 14-16, Dej 405200, Romania



⚠️ Motorsport is inherently dangerous. ⚠️

DURING THE EVENT DO NOT RUN IF THERE ISN'T IMMINENT THREAT TO THE SECURITY AND WELL-BEING OF THE PEOPLE IN THE EVENT AREA



Event Disciplines

The event is organized under the official [Formula Student Germany 2026 Rules V1.1](#)

Document Deadlines

| Document | Date (yyyy/mm/dd) | Document template | Upload Location |
|---|------------------------------|----------------------------------|----------------------------|
| Powertrain type | At Registration | Team profile | FSBk website |
| SES/SE3D ASES [EV only] | 2026-03-13 13:00 CET | FSG / Rules 2026 | FSG website |
| IAD | 2026-03-13 13:00 CET | FSG / Rules 2026 | FSG website |
| HSF [HY only]*** | 2026-03-27 13:00 CET | FSG / Rules 2026 | hybrid@fs-world.org*** |
| ESF [EV only] | 2026-03-27 13:00 CET | FSG online submission | FSG website |
| BPEFS Business Plan Ex. & Fin. Support | 2026-05-15 13:00 CET | FSG / Rules 2026 | FSBk website |
| TVSD Technical Vehicle System Documentation | 2026-05-29 13:00 CET | FSG / Rules 2026 | FSBk website |
| TMRF Team Member Registration Form | 2026-06-26 13:00 CET | FSBk website | FSBk website |
| TDP Team Description Pack | 2026-06-26 13:00 CET | FSBk website | FSBk website |
| ESOQ [EV only] Electrical System Officer Quali. | 2026-06-26 13:00 CET | FSBk website | FSBk website |
| FTO [CV/H only] Fuel Type Order | 2026-06-26 13:00 CET | FSBk website | FSBk website |
| VSV Vehicle Status Video | 2026-07-03 13:00 CET | FSBk website | FSBk website |
| CRD Cost Report Documents | 2026-07-03 13:00 CET | FSG online tool -> zip export | FSBk website |

Templates for all the documents can be found on the FSG and FSBk website.



All documents will be uploaded via **the form on the official FSBk competition website**.
*****Please upload the HSF on [FSBalkans](#) website under the documents section and also send it to hybrid@fs-world.org.**

Technical Inspection

Technical Inspection Order

The Technical Inspection Order (TIO), or scrutineering queue is based on the order of submission of vehicles status videos. A complete schedule will be published prior to the event or after all VSVs have been submitted.

CV Class: TIO is only valid for the first attempt at mechanical scrutineering. If the order conflicts with the static event schedule you may redeem your place in the queue at a later moment of your choice.

EV Class: The TIO will be the basis for the assigning of the timeslots for Accumulator Inspection and Electrical Inspection.

Hybrid Class: The Technical Inspection Procedure for Hybrid cars is still subject to discussion. More information will follow.

Alumni Cup Class: The Technical Inspection Procedure for Alumni cup cars is still subject to discussion. More information will follow.

Technical Inspection Procedure

The technical inspection procedure will take place in the scrutineering area. Apart from Accumulator Inspection and Electrical Inspection, which use a system of timeslots, with rescrutineering timeslots, all inspection is based on a line-system without timeslots.

CV Class:

1. Mechanical Inspection, including pre-inspection
2. Driver Egress
3. Fuel
4. Tilt Test
5. Vehicle Weighing
6. Noise Test
7. Brake Test



EV Class:

1. Accumulator Inspection
2. Electrical Inspection
3. Mechanical Inspection, including pre-inspection
4. Driver Egress
5. Tilt Test & Vehicle Weighing
6. Rain Test
7. Brake Test

The Technical Inspection Procedure for Hybrid cars is still subject to discussion.

Static Events

Business Plan Presentation Event

The BPP event will be held according to section S2 of the 2026 FS Rules. A TV screen is available in each BPP room to use. Connection via HDMI cable.

Location: Static Bay 1&2

Deep Dive Topic: TBD approx. one month before the competition.

BPP Finals: TBD

Cost & Manufacturing Event

The CRD event will be held according to section S3 of the 2026 FS Rules. Each team will have a back-to-back session for the Cost & Manufacturing and Engineering Design Event, with a 5-minute break in between to switch team members and equipment. Both the C&M and ED Event take place in the Static Event Area, which is located near the scrutineering area. A 5m x 5m space is provided for the team to present in. All walls are flexible material. A team should bring their own tape if they want to use the walls to hang any material.

Location: Static Bay 1&2

Real Case

A real case may be part of the C&M event and will be published before the CRD deadline.

C&M Finals: TBD

Engineering Design Event

The CRD event will be held according to section S4 of the 2026 FS Rules. Each team will have a back-to-back session for the Cost & Manufacturing and Engineering Design Event, with a 5 minute break in between to switch team members and equipment. A 5m x 5m space is provided for the team to present in. All walls are flexible material. A team should bring their own tape if they want to use the walls to hang any material.

Location: Static Bay 1&2

ED Finals: TBD



Dynamic Events

Driver Briefings

All partaking drivers of the day must attend the mandatory driver briefings. An online briefing may substitute the driver briefings.

Skid Pad Event

Each team has four (4) runs, driven by two (2) drivers with two runs each.

$$SKIDPAD\ SCORE = 0.95 * P_{max} \left(\frac{\left(\frac{T_{max}}{T_{team}} \right)^2 - 1}{0.5625} \right) + 0.05 * P_{max}$$

P_{max} is the maximum points for the event. (see table below)

Acceleration Event

Each team has four (4) runs, driven by two (2) drivers with two runs each. The vehicle will be staged so that it breaks the timing beam after 0.30m of travel.

$$ACCELERATION\ SCORE = 0.95 * P_{max} \left(\frac{\left(\frac{T_{max}}{T_{team}} \right) - 1}{0.5} \right) + 0.05 * P_{max}$$

P_{max} is the maximum points for the event. (see table below)

Autocross Event

Each team will have four (4) runs, driven by two (2) drivers with two runs each.

$$AUTOCROSS\ SCORE = 0.95 * P_{max} \left(\frac{\left(\frac{T_{max}}{T_{team}} \right) - 1}{0.25} \right) + 0.05 * P_{max}$$

P_{max} is the maximum points for the event. (see table below)

Starting Procedure

The Autocross event will use a rolling start.

Standing starts are not permitted.

Each run consists of:

- One (1) timed lap, followed immediately by
- One (1) untimed lap for deceleration, cooling, and safe exit of the track.

Each driver may have the option to complete their second run immediately after their first run, subject to event scheduling and instructions from event officials.

In this case, the driver remains on track and directly proceeds with the second timed lap, followed by the untimed lap, before exiting the track.

The timed lap starts when the vehicle crosses the start timing line at speed and ends when the vehicle crosses the finish timing line at the end of the timed lap.

Endurance & Efficiency Event

Endurance Running Order

The Autocross finishing order will form the basis for the Endurance running order. However, the creation of the running order may deviate from a strictly speed-based approach in order to accommodate organizational, safety, or scheduling requirements. Event officials reserve the right to allow or require vehicles to run out of order if necessary to ensure the completion of the Endurance event within the allocated time limits.

Ready-By Time

In addition to the running order, teams will be assigned a "ready-by" time in the published running order document. This is the earliest time the team may be required to run (i.e. enter the track). From this time, a team must be ready to enter the pre-inspection area.

Running Out of Order (OOO)

Running out of order may occur when:

1. All teams scheduled ahead of the team in the running order have either completed or forfeited their run, and
2. The team's Ready-By time has passed.

Running OOO will be penalized according to D10.2.1

Track Information

A track map will be released prior to the competition.

Endurance and Efficiency Scoring

Each team will receive 25 points that finishes endurance without DNF or DQ.

$$ENDURANCE\ SCORE = 0.9 * P_{max} \left(\frac{\frac{T_{max}}{T_{team}} - 1}{0.333} \right) + 0.1 * P_{max}$$

P_{max} is the maximum points for the event. (see table below)

$$EFFICIENCY\ SCORE = P_{max} \left(\frac{E_{F_{max}} - E_{F_{team}}}{E_{F_{max}} - E_{F_{min}}} \right)^2$$

P_{max} is the maximum points for the event. (see table below)

Efficiency Measurement – Fuel Consumption (CV Only)

Fuel consumption during the Endurance event will be measured volumetrically. The measured fuel volume shall be converted to fuel mass using the declared fuel density in order to obtain the fuel mass used.

For the purpose of fuel consumption measurement, the following reference fuel densities shall be used when converting from volume to mass:

- RON98: 0.75kg/L
- E85: 0.79kg/L

These reference densities are fixed for the event and will be used for all teams, ensuring equal and comparable efficiency scoring. Teams are not permitted to declare or submit alternative fuel density values, as the fuel is centrally supplied and controlled by the organizer. The reference fuel density values shall be used for the calculation of the corrected fuel mass, in accordance with the Formula Student Rules.

For the purpose of efficiency scoring, the corrected fuel mass shall be calculated as follows:

Vehicles using 98 RON fuel: The corrected fuel mass is equal to the measured fuel volume multiplied by the declared fuel density.

Vehicles using E85 fuel: The measured fuel volume shall be converted to fuel mass using the declared fuel density, and the resulting fuel mass shall then be divided by 1.45, in accordance with Formula Student Rules D7.10.4, in order to obtain the corrected fuel mass.

Rule Exemptions and Alterations

Due to the absence of autonomous (driverless) events at FSBk2026, all rules, procedures, inspections, and scoring elements related exclusively to Driverless Cup (DC) or Autonomous Mode are not applicable. The following deviations and clarifications apply.

Driverless Cup

- Driverless Cup (DC) will not be offered at FSBk2026.
- Consequently, all rules and sections exclusively related to DC are void or not applicable for this event.
- No team will participate in any autonomous-only discipline.

Scoring System

The official Formula Student scoring table (Table 3, FS Rules 2026 v1.1) is **deviated** for FSBk2026 due to the absence of autonomous disciplines.

FSBk2026 Scoring Table (CV & EV)

| Maximum Points | CV&EV | points |
|----------------------------|-------|--------|
| Static Events | | |
| Business Plan Presentation | 75 | points |
| Cost and Manufacturing | 100 | points |
| Engineering Design | 150 | points |
| Dynamic Events | | |
| Skidpad | 75 | points |
| Acceleration | 75 | points |
| Autocross | 100 | points |
| Endurance | 325 | points |
| Efficiency | 100 | points |
| Overall | 1000 | points |

Autonomous System – Technical Rules

The following autonomous-system-related rules and chapters are not applicable at FSBk2026:

- Autonomous System rules (T14) – void
- Autonomous System Brake rules (T15) – void
- Autonomous System inspection requirements – void
 - Autonomous System inspection (IN6) is not required



- If autonomous hardware remains installed, T14.7 may be inspected for safety reasons only
- Autonomous EBS test requirements (IN11.2) – void

Autonomous system components may remain installed on the vehicle, but they will not be inspected, evaluated, or scored, except where required for basic safety compliance.

Electric Vehicle Accumulator Requirements

For Electric Vehicle (EV) teams, the following clarification applies:

- All accumulators must comply with either the Formula Student Rules 2025 v1.1 or the Formula Student Rules 2026 v1.1, section EV 5.8.

This allowance is provided to support teams transitioning between rule sets while maintaining the required safety standards.

Static Events – Autonomous Content

- The Autonomous System will not be considered part of the vehicle concept.
- Engineering Design Event:
 - Autonomous functionality will not be evaluated or scored.
 - Any autonomous-related design features will be ignored by judges for scoring purposes.
- Cost and Manufacturing Event:
 - Autonomous components are not required to be documented or justified.

Dynamic Events – Manual Mode Only

All dynamic events at FSBk2026 are conducted exclusively in manual (driver-operated) mode.

- Skidpad, Acceleration, Autocross, Endurance, and Efficiency:
 - Only manual-mode procedures apply.
 - All autonomous-mode-only procedures and scoring elements are void.
- No autonomous practice sessions will be provided.
- No Driverless Skidpad, Driverless Acceleration, Driverless Autocross, or Trackdrive events will be held.

Driver Requirements

- Each team must register a minimum of four (4) and a maximum of six (6) drivers
- No driverless operation is permitted at any time during the event.

Event Management



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