1. ADMINISTRATIVE REGULATIONS  .............................................................................................................3
   1.1. FORMULA STUDENT AUSTRIA .............................................................................................................3
   1.2. FORMULA STUDENT AUSTRIA 2017 RULES ..................................................................................3
   1.3. EVENT HANDBOOK ..............................................................................................................................3
   1.4. COMPETITION LANGUAGE ................................................................................................................3
   1.5. COMPETITION DATE AND LOCATION .............................................................................................3
   1.6. COMPETITION TIME ............................................................................................................................3
   1.7. VEHICLE CLASSES AND SCORING SYSTEM ..................................................................................3
   1.8. PERSONAL TRANSPORT – (CHANGE OF RULES 2017\A6.5.6) ....................................................3
   1.9. UNOFFICIAL TIMING AND TELEMETRY EQUIPMENT ....................................................................3

2. REGISTRATION & ELIGIBILITY .............................................................................................................4
   2.1. FSA 2017 REGISTRATION ....................................................................................................................4
   2.2. REGISTRATION DATE ..........................................................................................................................4
   2.2.1. Registration fee .................................................................................................................................4
   2.2.2. Additional Team Members ...............................................................................................................4
   2.3. REGISTRATION CAPACITY AND WAITING LIST ..........................................................................4
   2.3.1. Slots .................................................................................................................................................4
   2.3.2. 2016 Top Finishers .........................................................................................................................4
   2.3.3. Austrian Teams ...............................................................................................................................4
   2.3.4. Wildcard slots ................................................................................................................................4

3. DATES & DOCUMENTS ............................................................................................................................5
   3.1. SUBMISSION DATES SUMMARY: ....................................................................................................5
   3.2. COST REPORT DOCUMENTS .............................................................................................................5
   3.2.1. CBOM ............................................................................................................................................5
   3.3. ESF ......................................................................................................................................................5
   3.4. HEALTH INSURANCE CERTIFICATE (CHANGE OF RULES 2017\A4.6) ....................................5
   3.5. DRIVER’S LICENSES (ADDITION TO RULES 2017\A4.5) ............................................................5
   3.6. FSG ONLINE SUBMISSIONS .............................................................................................................5

4. TECHNICAL REQUIREMENTS .............................................................................................................6
   4.1. READY-TO-DRIVE SOUND (CHANGE OF RULES 2017\EV4.11.3) ................................................6
   4.2. ACCUMULATOR TEMPERATURE MONITORING DEVICE (CHANGE OF RULES 2017\EV3.7.5, IN3.1.2) ..........................................................6

5. STATIC EVENTS ........................................................................................................................................6
   5.1. PRESENTATION EQUIPMENT (CHANGE OF RULES 2017\S1.2.5) ....................................................6
   5.2. BUSINESS PLAN SCORING FORMULA (CHANGE OF RULES 2017\S1.4.4, S1.4.5) ......................6

6. DYNAMIC EVENTS ..................................................................................................................................6
   6.1. SKID PAD TRACK CONDITIONS (CHANGE OF RULES 2017\D4.1.8) ..............................................6
   6.2. ACCELERATION STAGING (CHANGE OF RULES 2017\D5.2.3) .....................................................6

7. DOCUMENT HISTORY ..........................................................................................................................7
1. Administrative Regulations

1.1. Formula Student Austria
Formula Student Austria is part of the Formula SAE Competition Series and open to entries with both conventional and electric powertrains.
This document contains the event specific rules for the Formula Student Austria Competition.
If you have any question regarding the Rules 2017:
- If you are registered for FSG, please use the FSG issue tracker https://www.formulastudent.de/fsg/rules/faq/ - there are FSA officials monitoring this as well
- If you have any question regarding the FSA rules or are not registered at FSG, feel free to contact the rules committee under rules@fsaustria.at

1.2. Formula Student Austria 2017 Rules
The Formula Student Austria (FSA) competition will comply with the ruleset known as “Rules 2017”. The FSA rules include some specific rule changes and additions.
These changes and additions are located within this document, and supersede the respective sections of the published “Rules 2017” document.
In case of any contradiction between the FSA and “Rules 2017” the FSA rules are to be considered valid.

1.3. Event Handbook
The event handbook may contain special event procedures and restrictions for example regarding working on the car etc. It has to be read and understood by all event participants and is to be considered part of the rules.

1.4. Competition Language
The competition language is English.

1.5. Competition Date and Location
Formula Student Austria 2017 takes place from Monday, 2017-07-31 to Thursday, 2017-08-03 at the Red Bull Ring in Spielberg/Austria.

1.6. Competition Time
The Formula Student Austria official time:

<table>
<thead>
<tr>
<th>From</th>
<th>Till</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-10-30</td>
<td>2017-03-25</td>
<td>CET</td>
</tr>
<tr>
<td>2017-03-26</td>
<td>2017-10-28</td>
<td>CEST</td>
</tr>
</tbody>
</table>

All dates are in the YYYY-MM-DD (ISO 8601) format.

1.7. Vehicle Classes and Scoring System
The event will be run with two classes – IC and electric – with all static and dynamic events being run together but scored separately. There will be no driverless (FSD) class. (Change of Rules2017\A 1.2.1)

1.8. Personal Transport – (Change of Rules 2017\A6.5.6)
Use of small vehicles on-site is allowed but teams are reminded to use them responsibly, especially regarding pedestrian safety and loud noise.

1.9. Unofficial timing and telemetry equipment
No unofficial timing and telemetry equipment (e.g. IR Transmitters, radio extenders, etc.) is allowed inside the dynamic area. Exempt from this rule is the driver change/preparation area, where team members with dynamic passes are allowed to remain during the course of the dynamic events, if the equipment does not interfere with the conduct of the event.
2. Registration & Eligibility

2.1. FSA 2017 Registration

2.2. Registration Date
The registration for FSA 2017 starts on Sunday, 2017-01-08 at 1700 CET.
Refer to the FSA website for details.

2.2.1. Registration fee
Registration fee for Formula Student Austria is 1.500 (one thousand and five hundred) Euros including USt (VAT).
This fee includes the registration of 20 team members. Payment is accepted only by bank transfer. Bank
details will be sent to every successfully registered team by E-mail. Every team has to send a confirmation
of the money transfer by e-mail. Payment is due within 7 days of successful registration. Failure to do so
will result in the loss of your slot and your team being placed on the waiting list.
Registration fees are non-refundable.
*Note: Faculty Advisors also count as team members and have to be registered.*

2.2.2. Additional Team Members
Additional team members are 25 Euros each. Payment is possible in cash at the on-site registration; please
be sure to have the exact amount ready.

2.3. Registration Capacity and Waiting List
Registrations will be given out in the order in which they are received. FSA will limit the number of entries
to 50 (20 EV / 30 IC). After this limit is reached, additional entries will be placed on the waiting list and
will eventually become a registered entry if another registered team redraws or is removed. Slots may be
moved between classes at a later time (i.e. if a waiting list “runs out”)

2.3.1. Slots
A certain number of slots at FSA 2017 are reserved. If a team fits more than one reserved slot it will take
up the one listed higher up in this document.
The reserved slots expire twelve (12) hours after the registration opens. If they are not claimed by this time,
Teams from the waiting list will move up to take them.

2.3.2. 2016 Top Finishers
Three (3) slots in each class are reserved for the top finishers of FSA 2016:

- **Combustion**
  - Uni Stuttgart (Rennteam Uni Stuttgart)
  - Oregon State U. (Global Formula Racing)
  - UAS Graz (Joanneum Racing)

- **Electric**
  - ETH Zurich (AMZ Racing)
  - KIT Karlsruhe (KA racing electric)
  - Uni Stuttgart (Greenteam Uni Stuttgart)

2.3.3. Austrian Teams
Five (5) slots are reserved for Austrian entries

- **Combustion**
  - TU Graz (TU Graz Racing Team)
  - UAS Graz (Joanneum Racing)
  - UAS Vienna (OS.car Racing Team)

- **Electric**
  - TU Vienna (TUW Racing)
  - Uni Innsbruck (Campus Tirol Motorsport)

2.3.4. Wildcard slots
Up to three (3) slots, independent of class, will be available as “wildcard” slots. Wildcard slots will be
assigned by FSA based on the “wildcard application” which has to be completed before the registration
starts. See the FSA website for details.
3. **Dates & Documents**

*Note: Some of these Details might be subject to change to react to changes and requirements by other events in the FSAE series. Check [https://fsaustria.at/fsa-2017/rules/](https://fsaustria.at/fsa-2017/rules/) regularly for updates*

3.1. **Submission Dates Summary:**

<table>
<thead>
<tr>
<th>Document</th>
<th>Date</th>
<th>Document Template</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC FMEA</td>
<td>2017-03-03 13:00</td>
<td>FSAE</td>
</tr>
<tr>
<td>SES</td>
<td>2017-03-03 13:00</td>
<td>FSA/Rules 2017</td>
</tr>
<tr>
<td>IAD</td>
<td>2017-03-17 13:00</td>
<td>FSG</td>
</tr>
<tr>
<td>ESF</td>
<td>2017-04-14 13:00</td>
<td>FSG online submission</td>
</tr>
<tr>
<td>EDR &amp; DSS</td>
<td>2017-05-19 13:00</td>
<td>FSAE</td>
</tr>
<tr>
<td>BP Executive Summary</td>
<td>2017-05-19 13:00</td>
<td>n/a</td>
</tr>
<tr>
<td>Fuel Type</td>
<td>2017-06-02 13:00</td>
<td>n/a</td>
</tr>
<tr>
<td>Team Member Designation</td>
<td>2017-06-02 13:00</td>
<td>n/a</td>
</tr>
<tr>
<td>Vehicle Status Video</td>
<td>2017-06-23 13:00</td>
<td>n/a</td>
</tr>
<tr>
<td>Cost Report Documents</td>
<td>2017-07-07 13:00</td>
<td>FSG online submission</td>
</tr>
</tbody>
</table>

Documents not listed in this table are not required.

3.2. **Cost Report Documents**

The BOM & CBOM is to be created using the FSG CR tool. The whole CR is then to be exported using the corresponding “PDF Export” function in the CR tool. The exported PDF should be zipped together with the Cost Report Explanation file (CREF).

There are no rules regarding the style of the CREF other than it should be a comprehensive explanation of the assumptions and calculations that were used to derive the part/process costs used in the CBOM. The file format of the CREF shall be PDF. The ZIP archive containing both documents must be uploaded no later than the deadline listed in 3.1.

The submission should look like this:

```
[ZIP archive]
├ [BOM] PDF exported from FSG
└ [CREF] Cost Report Explanation File, PDF
```

3.2.1. **CBOM**

For FSA 2017 a CBOM for the "Suspension System" must be submitted.

3.3. **ESF**

The ESF has to be completed using the FSG online ESF tool.

3.4. **Health Insurance Certificate (change of Rules 2017/A4.6)**

Requirement waived. See [https://fsaustria.at/fsa-2014/hic-dl/](https://fsaustria.at/fsa-2014/hic-dl/) for details

3.5. **Driver’s licenses (Addition to Rules 2017/A4.5)**

The driver’s licenses do not need to be submitted before the event. The licenses will be checked during the egress test in scrutineering for all drivers.

3.6. **FSG Online submissions**

For certain documents the use of online tools provided by FSG (Formula Student Germany) is required. To use these tools, a team has to be registered for the current FSG event. For teams not attending both FSA and FSG, a registration for the end of the FSG waiting list is sufficient and no payment is required.
4. Technical Requirements

4.1. Ready-to-Drive Sound (Change of Rules 2017\EV4.11.3)
Sound-type requirement waived

4.2. Accumulator Temperature Monitoring Device (change of Rules 2017\EV3.7.5, IN3.1.2)
The logging device will not be installed at FSA

5. Static Events

5.1. Presentation equipment (Change of Rules 2017\S 1.2.5)
The presentation equipment provided will be either a large-screen TV or a data projector. Available connections will be VGA and/or HDMI, depending on the equipment. If audio playback is required then the team has to provide the equipment (speakers). The presentation rooms will be made available for inspection and testing before the BPP event starts.

5.2. Business Plan Scoring Formula (change of Rules 2017\S1.4.4, S1.4.5)
The scoring for the non-finalist is calculated as follows:

\[
\text{PRESENTATION SCORE} = 71 \cdot \frac{P_{your}}{P_{min-F}}
\]

Where:
“P_{your}” is the score awarded to your team by the business judges in the initial judging
“P_{min-F}” is the lowest score awarded to any team participating in the finals in the initial judging

The scoring of the BPP finalists will vary from 75 to highest non-finalist score and is scored immediately after the BPP finals by all judges.
Possible penalties from Rules 2017\A 5 could affect the final scoring.

*Note: The intent of these changes is to avoid skewing the initial points distribution in events with non-uniform points distribution (more likely with fewer participants)*

6. Dynamic Events

6.1. Skid Pad Track Conditions (Change of Rules 2017\D4.1.8)
The Skid Pad track conditions will not be artificially altered.

6.2. Acceleration Staging (Change of Rules 2017\D5.2.3)
The vehicle will be staged so that it breaks the timing beam after 0.30m of travel.
7. **Document History**

<table>
<thead>
<tr>
<th>Date</th>
<th>Version</th>
<th>comments/changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-12-22</td>
<td>1.0</td>
<td>Initial Version</td>
</tr>
<tr>
<td>2017-01-01</td>
<td>1.1</td>
<td>1.2 – FSAE&gt;Rules 2017</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6.2 – clarification regarding staging</td>
</tr>
<tr>
<td>2017-02-15</td>
<td>1.2</td>
<td>3.1 – moved ESF deadline to match FSG</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.1 – added VSV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.2.1 – CBOM System defined</td>
</tr>
<tr>
<td>2017-02-20</td>
<td>1.2.1</td>
<td>Added times to the submission deadlines</td>
</tr>
<tr>
<td>2017-02-26</td>
<td>1.2.2</td>
<td>3.1 moved IAD Deadline to match FSG and scheduled crashtests</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.2 FSG CRD tool will be used.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.6 added info regarding FSG tools</td>
</tr>
<tr>
<td>2017-06-25</td>
<td>1.2.3</td>
<td>3.2 added info about CRD upload</td>
</tr>
</tbody>
</table>