

Fast Track Registration

WHAT IS FAST TRACK REGISTRATION?

Fast Track Registration is a process designed to minimize the amount of time teams spend in registration lines. Teams can obtain their Fast Track status by downloading their Fast Track forms by clicking the orange PRINT ROSTER button on their Team Profile on www.sae.org. On every page of their forms, teams will see a colored box in the top right corner, indicating whether the team is green or red for that event. On the roster pages, any missing, required information is indicated by a red box.

- If a team has all members affiliated with complete information, their downloadable roster will show a green box at the top right corner indicating that they are considered **GREEN** and eligible for Fast Track Registration. This designation entitles the team to a quick registration where only the Team Captains/Faculty Advisors is required to report to registration area. He/She will be responsible for signing as witness in front of SAE staff/volunteers that the team registration being submitted is complete and accurate with those onsite and attending. He/She will also be responsible for picking up all wristbands and giveaways, distributing to team members, and ensuring team members wear wristbands.
- If a team has members affiliated with incomplete information, their downloadable roster will show a **RED** box at the top right corner indicating that they are considered **RED** and currently ineligible for Fast Track Registration. If the team does not complete their roster and print it out prior to the competition, the entire team will need to report to registration area to register with a blank form.
- **RED** teams can become **GREEN** teams prior to the competition by completing their roster on www.sae.org, which will change their indicator box to green, and then following green procedures to print and sign the waiver.

FAST TRACK REGISTRATION PROCESS

BEFORE ARRIVAL AT COMPETITION

Team Members

- Affiliate on www.sae.org using your SAE membership number.
- Ensure all information is complete like personal phone number, shirt size, and emergency contact.
 - NOTE: Sizes are not guaranteed and are on an availability basis.
- All participants must be able to identify themselves with a form of identification onsite.

Team Captains/Faculty Advisors

- Print your Roster on your Team Profile page on www.sae.org at least 24 hours before an event. NOTE: The server can take up to 24 hours to update the team list
- Ensure all members read the waiver terms.
- Witness every member sign on the team list that they accept the terms and that the personal data is correct

AFTER ARRIVAL AT COMPETITION

Team Captains/Faculty Advisors

- After arriving, go immediately to the SAE International Registration Area with your team's signed roster and their completed additional waivers.
- Sign the Team Captain/Advisor Signature Confirmation IN FRONT OF the Registration Staff verifying the validity of all signatures.
- Collect all wristbands and giveaways for only those who have signed the waiver terms.
- Ensure all team members immediately put on their wristband upon your return. NOTE: All participants must be able to identify themselves with a form of identification onsite.

For more information and FAQ's on the Fast Track Process visit [here](#).

Event Program, Handbook, and Spectator Guides

Event Program:

http://students.sae.org/cds/formulaseries/fsae/fsae_program.pdf

Student Handbook:

http://students.sae.org/cds/formulaseries/fsae/student_handbook.pdf

Spectator Guide:

http://students.sae.org/cds/formulaseries/fsae/spectator_guide.pdf

Spectator Policy:

<http://students.sae.org/cds/formulaseries/fsae/spectators.htm>

Early Paddock

We will be allowing the following teams, who were designated GREEN by May 1, 2015, to paddock and register between 3:00 PM - 7:00 PM on Tuesday, May 12th. Gate will close at exactly 7:00 PM. Below is the list of teams who qualify for early paddocking and only those teams will be granted access to paddock.

Teams registering will be required to simply drop off their trailer in assigned paddock spot. No unpacking or work may be done on Tuesday. As part of Fast Track Registration, the entire team is not required. Simply print out your roster, collect your signatures, and send one team captain and/or faculty advisor to G1 after your vehicle is being paddocked. Teams will receive all registration materials and will not have to return to registration on Wednesday morning.

Eligible Teams

- | | | | |
|----|---|-----|---------------------------------------|
| 1 | Oregon State Univ | 61 | Rutgers Univ |
| 5 | Univ of Akron | 62 | Ohio State Univ |
| 7 | Auburn Univ | 63 | Duke Univ |
| 9 | Univ of Florida | 68 | Lakehead Univ |
| 11 | Universidade Estadual de Campinas | 70 | Kennesaw State University |
| 14 | Univ of Kansas - Lawrence | 71 | Univ of Pittsburgh - Pittsburgh |
| 18 | San Jose State University | 72 | Univ of Michigan - Dearborn |
| 19 | Ecole De Technologie Superieure | 73 | Saginaw Valley State Univ |
| 21 | Univ of Illinois - Urbana Champaign | 74 | North Dakota State Univ |
| 23 | Ferris State University | 76 | Universite Du Quebec a Trois-Rivieres |
| 24 | Brown Univ | 77 | Cegep du Vieux - Montreal |
| 25 | Georgia Institute of Technology | 78 | Universite Du Quebec-Chicoutimi |
| 27 | Louisiana State Univ | 80 | Kansas State Univ |
| 30 | Univ of Missouri | 81 | Universidad Simon Bolivar |
| 33 | West Virginia Univ | 82 | Clemson Univ |
| 34 | Lafayette College | 85 | Villanova Univ |
| 35 | Southern Illinois Univ - Edwardville | 92 | Clarkson University |
| 37 | Univ of Connecticut | 94 | Oklahoma State Univ |
| 38 | National Univ of Singapore | 95 | Wayne State Univ |
| 40 | Univ of Central Florida | 96 | Penn State Univ - University Park |
| 43 | Columbia Univ | 99 | York College of Pa |
| 45 | Tennessee Tech Univ | 100 | Northern Illinois Univ |
| 46 | McGill Univ | 102 | Florida Inst of Tech |
| 47 | Univ of South Florida | 110 | Virginia Tech |
| 48 | Washington Univ - St Louis | 114 | Michigan Tech Univ |
| 49 | Univ of Toronto | 119 | Univ of Victoria |
| 50 | Missouri University of Science and Tech | 120 | Univ of Maryland - College Park |
| 51 | Univ of Cincinnati | 122 | Indiana Univ Purdue Univ Indianapolis |
| 53 | Kookmin Univ | 123 | Florida Atlantic Univ |
| 54 | Univ of Evansville | 126 | Cornell Univ |
| 55 | Universidad Central de Venezuela | 129 | Univ of Texas - Arlington |
| 56 | Central Michigan Univ | 134 | Mississippi State Univ |
| 59 | Univ of Minnesota - Twin Cities | | |

Graduating SAE International Members?

Are you graduating?

Our Membership Team will be onsite with a graduation gift to you: a one-year complimentary professional SAE Membership! Professional membership is an investment in your career, and will help you climb the career ladder faster.

Can't make it to the competition? Email Abby at ahartman@sae.org to get the transfer process started.

Wednesday Registration

The MIS Site does not open until 9AM on Wednesday, May 13th. **DO NOT ARRIVE EARLY.** Lines tend to hinder MIS operations.

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<https://www.facebook.com/FormulaSAE>

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Data Systems

While the rules pertaining to the costing of data acquisition systems seem relatively clear, it appears as though the true impact, in terms of competition points, of retaining the data system on the vehicle during the competition is often misunderstood. As a result, numerous teams have adopted the practice of completely removing the data system from the vehicle prior to the beginning of tech and static events in an effort to avoid having to cost said data systems. While fully compliant with the rules and perhaps a sound strategy for minimizing assessed vehicle cost, removal of the data system does come with a price. The price being an inability to fully discuss the data system as implemented during the Design Event (as a development tool) as well as a loss in the ability to collect useful data from the vehicle during dynamic events.

The organizers invite students to at least cost their data system as a hypothetical exercise thus allowing them to make an informed decision, based on the true impact on their projected Cost Event score, as to whether or not they should remove the data system from their vehicle at competition. For most teams, the net impact of keeping vs. removing the data system will be less than one half point in Cost (yes... as in <0.5 points) but it remains up to the teams to make the assessment. It is worth mentioning that while specific point values are not assessed in Design for data systems, the Design Judges understand the value of 'good' data and look forward to discussing your use of it in your vehicle development cycle. Your demonstration of a well-executed data system coupled with applied learnings will be well regarded by the Design judges.

In order to provide some baseline data for teams, the majority of FSAE vehicle costs range from \$11,000 to \$25,000. Also note that stand alone data systems themselves are often free with the requirements that teams account for wiring, sensors, and display units (if viewable by the driver). Also, if the costs are added as an amendment at the competition, the normal premium for such will also be applied.

The nature of this note is strictly informative as to the existing rules and is not intended to persuade or dissuade teams from keeping or removing their data systems. That said, we do wish to encourage teams to use all data available to them to make informed decisions, as all engineers should.

2015 Real Case Scenario

Rule C.3.3.3 states that the third part of the Cost Event will be a "real case" scenario where students will have to respond to a challenge related to cost or manufacturing of the student vehicle."

The real case scenario for this event will be one of the following:

The Cost Judges have reviewed the Cost Report that you have submitted and they have determined that the cost of the _____ on your car is substantially higher than expected.

Your task at the event is to present the Cost Judges with your proposals to reduce the cost of the _____ on your car by 15%.

The presentation must fulfill the following requirements:

- No longer than 5 minutes
- Flip chart pages (optional)
- No handouts or use of electronic devices.
- Must be based on the system on your car.

Your presentation will be evaluated on:

- The process or methodology(ies) used to develop the proposal(s)
- The alternatives presented
- The credibility of the proposals
- The team's presentation skills will NOT be scored.

The blanks above will be randomly drawn choices of the following:

Exhaust Manifold

Wheel Hubs

Or

Steering Wheel

Formula SAE Michigan Specialty Awards

We have several new specialty awards being given out this year at Formula SAE Michigan. Please note, some may require an application process:

Altair Engineering's William R. Adam Engineering Award

Altair Engineering's William R. Adam Engineering Award Development of new and innovative design concepts for FSAE racing competition - \$1000, \$500

[Award Informaion](#)

Continental Brake Award

Best in Class Brake design by a team. \$1000

[Award Informaion](#)

Cummins Inc. Applied Technology Award

"Applied Technology" Award for the team that applies technology the most innovatively \$1,000, \$750, \$500

[Award Informaion](#)

The FEV Powertrain Development Award

Top 3 teams with overall excellence in Powertrain Development - \$2000, \$1000, \$500

[2015 FEV Scoring Key](#)

Bosch Three View Drawing Excellence Award

Awarded to the top ten Formula SAE teams who submit the best executed three view drawings, per the Formula SAE Rule S6.4.

[Award application information](#)

MacLean-Fogg Fastening Challenge Award

This award is intended to reward team with the best solution to a fastening challenge at Formula SAE Michigan.

[Award information](#)

Toyota Continuous Improvement Award

\$1,000 This award will recognize the team which has made considerable strides in the competition in the last few years.

Note: Although not guaranteed, some awards will include a cash award dependent on sponsorship. These and other awards will be detailed in the event program available at the on-site competition registration booth.

Push Bar Competition

Don't forget about the Push Bar Competition at Formula SAE Michigan! Have you started designing your push bar yet?

http://www.sae.org/servlets/pressRoom?OBJECT_TYPE=PressReleases&PAGE=showCDSNews&EVENT=FORMULA&REL