

SAMPE Benelux – Bridge Building Contest 2017-2018

Questions and Answers

Question

Is it possible to subscribe a student group of 6 people? For the course composites, this would fit perfectly in the practical assignment.

Answer

This is not a problem. To challenge the students more, you could even consider to subscribe two groups (each group of three people) to create mutual competition.

Question

In the flyer, there are no thermoplastic materials mentioned. Why not?

Answer

For the first edition we had to make choices. Probably thermoplastic materials will be included for next year.

Question

We have two enthusiastic students and are looking for a third student. In the flyer teams from 3-5 students are mentioned. If we do not find the third student, is it possible to subscribe the team with two students?

Answer

We are looking for enthusiastic students! Off course you can subscribe the group with two students. And if a third enthusiastic student is found later, you can still send an email with the additional name. Good luck!

Question

In the flyer, the only described situation is a bridge/design space of 130mm*600mm*200mm on top of the supporting pins of the testing situation. Is it possible to position the design space below the supporting pins? If yes, what are the testing details.

Answer

SAMPE encourages out-of-the-box situations! Detailed answer will be updated.

Question

For the practical part of the composite course of our university we would like to include an internal Bridge Building Contest between the students. These bridges will be tested and the best bridge will be used for the SAMPE Benelux Contest. Is it possible to subscribe a group without names, receive all the detailed material information and use comparable materials for the internal contest. The final bridge will be made from the materials sponsored by SAMPE.

Answer

What a great idea!! As long as the winning team sends the chosen materials before the end of December 2017 to SAMPE Benelux, this is off course possible. Good luck and we are curious to see the results of the internal contest.

Question

Our students would like to subscribe for the contest. In the flyer the hand in date for the final design is 8th of February which is immediately after the exam period. Our students do not wish to combine preparation for this contest with preparation for the exams. Would it be possible to postpone this date by 2 weeks?

Answer

SAMPE can imagine that this is a challenge for the students. If the materials that they are going to use are send by the end of December 2017 it is no problem to postpone this date by two weeks. For other teams/universities, if you foresee some challenges, please first contact Yaéla Borrenbergs, yaela@yaelacomposites.nl.

Question

In the flyer it is stated that the "Material costs are fictitiously charged." Could you go more into detail what is meant? Will we get the cost formula beforehand? E.g. basic pricing for glass/carbon/polyester?

Answer

The costs are already included in the formula that is mentioned in the flyer. No other formulas will be used for this contest with costs included. If the group subscribes by the latest of 10th of November, detailed information about the sponsored materials will be send. This included datasheets of the materials as well as the costs to be used in the contest. Enjoy choosing the right materials!

Question

What about cost for the mould? Should that be included or not. And the processing time, should this be reported in the final design report?

Answer

For this first contest we do not take all this information into account. But off course, if you want to use the contest for the practical composite course, we can image that this information is of importance. You are free to add all kind of topics to the contest to lift it to the right level for your university.

If you have a question, please send this to yaela@yaelacomposites.nl