## **Cornell Cup - Autodesk Fusion 360 Design Award Criteria**

Autodesk seeks to empower your team with Autodesk Fusion 360 and the Autodesk Fusion 360 Design Award with a special award that can get your team to the finals as well as a public voting on your work for cash prizes! All Cup teams will also be invited to attend free Autodesk Fusion 360 workshops held throughout the semester.

To be eligible, simply use Autodesk Fusion 360 in the creation of your Cup entry. Cup teams that are accepted to this Semi-Finals can then create & submit during the semi-finals period a 2:00 - 4:00 minute video that shows how your team used the follow functionality in Autodesk Fusion 360 to create your design.

1. **Design / Modeling:** Describe how your team use Fusion’s modeling techniques to complete your design; parametric, direct editing, T-Splines, etc.
2. **Workflow:** Explain how your team used the collaboration tools in Fusion 360 to create a better design.
3. **Simulation / Analysis:** Illustrate how the simulations you ran in Fusion improved the performance of your final design.
4. **Documentation:** Demonstrate how 2D drawing were created to document the final design.
5. **Animations and renderings:** Show how animations (Assembly instructions) and renderings were created in Fusion to explain how the design will be assembled and how it works.
6. **Prototyping / Manufacturing:** Explain how your team used additive and/or subtractive manufacturing tools in Fusion to improve and/or show a prototype of your design.

**A team of Autodesk expert judges will then select one semi-finalist team to attend the Cornell Cup finals!**

**Top entries will also be advertised on social media where the public can vote to decide the winner of 3 cash awards:**

1st Place = $1,000

2nd Place = $600

3rd Place = $400

**Judging details**

* Judges will select 4 teams for the best Autodesk Fusion 360 design
	+ Teams must submit Fusion 360 files to a designated folder
	+ The Design History must be visible in the files that your team modeled. The judges may play back the design history to watch how you built your files. Fusion 360 files with no design history will not be considered eligible entries. [Click for more info about design history / timeline](https://knowledge.autodesk.com/support/fusion-360/learn-explore/caas/CloudHelp/cloudhelp/ENU/Fusion-Form/files/GUID-FA6C0CA9-DCEA-4ADD-B993-6594FE28457A-htm.html)
	+ Teams must be available to answer questions from Autodesk about their designs
* From the 4 selected designs, social media will pick a winner for the Fusion Design Award
	+ Could post Fusion 360 designs to:
		- Facebook – Cornell Cup page
		- [Autodesk Fusion 360 Gallery](https://gallery.autodesk.com/fusion360/projects#filters=%5B%5D&sort=popularity) with the #CornellCup
* Judges will also select a team to go to the Cornell Cup finals