

Hyperloop at USC

AME 491 Undergraduate Design Projects II

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USC Hyperloop was founded in 2015 with the main focus to build a Hyperloop Pod to win the SpaceX Hyperloop Pod Competition. The long term vision is to allow youthful energetic engineers the opportunity to contribute to the advancement of knowledge for the design of a high-speed transportation system capable of speeds up to 900km/h for California, the United States, and the rest of the world.

We currently have 30 contributing members, and are actively building our pod to represent USC at the inaugural SpaceX Hyperloop Pod Competition on 27-29 January 2017. We have also submitted our application for entry into the second SpaceX Hyperloop Pod Competition in the latter half of 2017. If you would like to contribute to our team's efforts (or are already actively participating), enrolling in AME 491 is a good way for you to earn credit towards your USC degree for your contributions.

Requirements:

- The main requirement for earning credit in AME 491 is for you to **make a significant contribution by designing /building/testing something that is useful for the current or future teams.**
- At the current stage, a minimum 6 hours of effort is needed every week. Since there is no system in place to monitor this (*we trust you!*), the only way is for you to show us on a weekly basis that you are making progress (either in the form of simple presentation slides, or a mini report). This can be done by reporting weekly progress to your respective sub-team leads. Whenever needed, you may also be asked to report progress at general USC Hyperloop team meetings.
- In addition to the 6 weekly hours of design/build/test work, you are required to be present and to actively contribute to discussions at team and sub-team meetings, which happen 2-3 times a week.
- Lastly, you are also required to regularly update the documentation on USC Hyperloop's shared Google drive to reflect your contributions.

If you think that you can make a difference to our team and can commit time & energy to our team's efforts, contact our Program Manager Spencer McDonough (spencer@uschyperloop) and me (wilson.chan@usc.edu) for more details.



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