

Self-Driving Car Engineer: Capstone Project Submission/Review FAQ

Have a technical question? Post in Student Hub or Knowledge

Can't find your answer here? Email selfdrivingcar-support@udacity.com for assistance

1. How long will it take to get my review?

- a. It typically takes up to a week to receive reviews for the capstone project. This time may increase around major US holidays (e.g. Christmas). We will do our best to communicate in advance any anticipated delays of more than a day or two so that students can plan accordingly.

2. What will I get in my review?

- a. If you submit as a Team Member, you will not receive the review yourself but instead will be instructed to check with your Team Lead for the review. If you submit as a Team Lead and we are able to test your submission on the simulator and on Carla, you will receive the following: log files from both tests, video files from both tests, a rosbag file from Carla, and a text file containing the completion status of both tests.

3. My submission came back with no video or rosbag files. What happened?

- a. If your submission is deemed unable to be tested on Carla, but was tested in the Udacity simulator, you will receive the log and video files from the simulator and the text file with the completion status, but you will not receive files from Carla. The text file will contain the error message that resulted from the simulator test, which can give insight into why the submission was not run on Carla. If your review only includes the text file, it was unable to be tested even in the simulator, and again the error message in the text file may be helpful.

4. What's the difference between a Team Lead submission and a Team Member submission?

- a. Team Lead submissions include a section called "Notes to Reviewer" or just "Notes," in which the Team Lead lists the name and email addresses of everyone on their team. Team Member submissions **must** leave this field blank. If that field contains **any** text, the submission will be marked as a Team Lead and tested. If that field is empty, the submission will be marked as a Team Member and auto-passed without testing. We do this so that we have a submission record for each individual student, without having to test the same exact code multiple times - please help us out by being sure to follow the correct instructions! Note that this text field is only to distinguish Team Lead submissions and to keep a record of

who is on a team together. We cannot accommodate special launch instructions or other requests made via these notes.

5. If I can't find a team, can I submit as an individual?

- a. While we strongly encourage working in teams, individual submissions are allowed if you cannot find a team. You don't need to do anything to notify us if you plan to submit individually, other than including a note with your submission to say that you worked alone.

6. If I submit as an individual, can my code still be run on Carla?

- a. If you follow the Team Lead submission instructions, your code will be tested in our simulator and run on Carla. If you follow the Team Member submission instructions, your code will not be tested at all (no Carla test and no simulator test) and will be auto-passed. This is true regardless of whether you submit as an individual or as part of a team.

7. What if I don't want my code to be tested on Carla and only want a simulator test?

- a. We highly encourage everyone to take the opportunity to have their code tested on a real vehicle. Simulator tests and Carla tests are all done on the same day, typically once a week, so only testing in the simulator would not speed up the review process at all.

8. Why does it say to resubmit again without notes after the team is satisfied?

- a. The resubmission without notes is just a formality to establish that you are "closing" your submission and moving on to graduation. You do not need to wait for this submission to be reviewed before applying to graduate.

9. When can I apply for graduation?

- a. You are eligible to apply for graduation at any point after submitting the capstone. There is no official pass/fail requirement to graduate, you just have to have submitted the project. You can choose to apply for graduation after submitting but before receiving your project review, but you will not be able to resubmit again after you graduate. The classroom has instructions about how to apply for graduation, which can be found in the lesson immediately following the capstone project lesson.

10. I got my submission back marked "needs changes," but all my teammates got theirs back marked "passed." What's going on?

- a. This happens because Team Member submissions are automatically marked as passing without being tested, so the status of these submissions is effectively meaningless as it provides no insight about the actual performance of the project. The Team Lead's status is the status for the entire team, and the Team Lead will receive all the feedback for the entire team.

11. I'm a Team Lead, but forgot to include notes in my submission. What should I do?

- a. If you realized after getting your review back that you forgot to include notes (i.e. your submission was classified as a Team Member submission) you will need to resubmit using the correct instructions. Because Team Member submissions are not tested, there will be no files available from your submission. Write to Udacity support as soon as you identify this error.

12. I'm a Team Member, but did include notes in my submission. What should I do?

- a. If you realize after getting your review back that your submission was classified as a Team Lead submission, no harm done! This just means that your team's project was tested twice (once for your submission and once for the actual Team Lead submission). If you realize before your project is reviewed, please write to Udacity Support for assistance.