

EEE3534 Coursework -3

DR. Gina Stark

1. Brief Task Description

You must design and implement a cooperative Simultaneous localization and mapping for multiple UAVs in simulation environment. This project must include following:

1. Assign specific areas to Multiple UAVs
2. Use any SLAM algorithms (EKF, ORB...) For localization.
3. Those UAVs can be able to detect object

2. Submission:

1. Code and Report: Friday, 29th of April 2020

The proposal and final report must be uploaded to Moodle as PDF files by the relevant deadlines. The code must be submitted as a single zip file of the MATLAB, carefully check that the zipfile includes all required files before submission.

3. Academic Misconduct

This is individual work and you should complete it yourself. You should not work as a group and each submit the same work (even with minor changes) as your own. Any material or ideas found online, in textbooks, etc should be properly referenced.