

# Assignment A3: Agent Communication

*CS 6380*  
*Spring 2020*

**Assigned:** 4 February 2020

**Due:** 18 February 2020

For this problem, each student will participate in the development of a set of communication protocols for a UAS Traffic Management system. This will be reported as a team effort in Overleaf, but you must handin the Matlab code developed in the study. The code should conform to the style requested in the class materials.

Protocols to be studied include (but may not be limited to!) the following:

- USS strategic deconfliction
- ATOC monitoring of USS and UAS activity
- UAS contracting by USS
- UAS telemetry reporting

For all these behaviors, measurements will be made in terms of performance measures appropriate to the protocol or UTM system.