

4511W, Fall-2021

WRITING ASSIGNMENT 5:

Assigned: 11/30/21 Due: 12/07/21 at 11:55 PM ([submit via gradescope](#)) Submit only pdf files

!!! README !!!

If you are working in a group, only one of you should submit the assignment with everyone in the group's names clearly identified. Gradescope does not let us assign grades to submitted assignments, so groups can either:

- (1) Have one person submit the whole document, everyone else submits just the team member names (so we can assign a grade on gradescope earlier)
- (2) Have one person submit the whole document, no one else submits anything (grades will be fixed when moved to Canvas)

Written (2-3 pages)

For this writing assignment you must write the literature review/related work section of your project. This must include 8-10 references (and appear in the bibliography correctly). References need to be from peer-reviewed sources; manuscripts, technical reports, wikipedia, blogs and other materials not peer-reviewed by researchers in that field are not accepted as valid references, but may be useful as sources to hunt down actual peer-reviewed materials (you may give some credit to this intermediate source if you wish in a footnote).

You should try to pick both references that are very similar to your topic, along with references that compare different ways of approaching this general problem. For example, if you are doing something with A*, you should pick some references related to A* modifications and compare and contrast them with your approach. You should also pick some references from the more general search area, possibly outlining the difference between informed and uninformed search.

When writing papers in general, all necessary information should be in your paper (you should not specifically cite another authors figure or table). If you use a technical term you have to define it, so it is often better to just describe the approach at a general level (unless you want to use this term as well). Also make sure you use citations the first time that you talk about a topic. Quite often it is better to either use a citation or the authors name rather than the title, as the title is longer and detracts from the clarity of your sentence. You should also minimize direct quotes as quite often the context shift makes it more difficult to read your paper.

Past writing fellows created these links: [Resources and Tips for Writing a Literature Review](#). This link includes some guidelines for literature reviews along with some samples. If you did your writing 3 on your project (or you can frame it as related to the project), you can copy-paste that work to get a head start on this assignment. (You can also mostly copy-paste this assignment for part of your project.)

If you are working in a group, only one person should submit the paper (12-15 references for a group of 2 and 16+ references for a group of 3). Please be very clear who you are partnered with and the contributions of each member. **The page length and reference requirement increases by 50% per team member** (so a 3 person team needs 4-6 pages with 16-20 references).

There will not be a 2nd resubmission for this part, as it is too close to the end of the semester. However, feedback will be given, so you may address any comments for the final project.

Grading

10% Latex (and bibtex)

10% organization of the document (structure of the document)

20% sufficient citations

40% coverage of the literature (good coverage of the subject topic and general subject)

20% writing style (structure, clarity, grammatical correctness and few/no spelling mistakes)