

ENV 6438: Physical & Chemical Processes for Drinking Water Treatment
Department of Civil & Environmental Engineering
University of South Florida

Cunningham

Spring 2020

Semester Project

Due Monday, March 23

Stage 3

The third stage of the semester project is an *outline* of your paper. Here are the parameters:

- It is due on Monday, March 23, in class.
- The outline will count for 7.5% of your project grade as explained in the “project overview” document.
- Each group should submit one hard copy. Please make sure all group members’ names are indicated clearly. There is no need for a cover sheet.
- Somewhere at/near the top, before you begin your outline, please write the *question* that your group is answering for this assignment. (Look back at what you wrote for your stage 1 assignment, and modify it as necessary, especially if I had concerns about the original phrasing of the question.)

For this outline, there are three main things for which I am looking.

- First, I want to see that your paper has a logical *organizational structure*.
- Second, I want to see that you have an idea of what *lines of evidence* you will use to answer the question that you have posed.
- Third, I want to see that you have *specific details* to support your lines of evidence.

Your outline should be *detailed* enough that I can understand what your main lines of evidence are, and evaluate if those lines of evidence will help you achieve your paper’s objective (i.e., to answer the question you asked). If I can’t tell from your outline how you intend to prove your case, then your outline probably does not have enough detail, and your grade will reflect that. Your outline should be clear about what pieces of evidence you will use to support your thesis.

Please do not leave this assignment until the last minute. You have several weeks to work on this stage – for a reason. The outline stage is where you do your “thinking” for the project. If you do a good job on your outline, you are likely to have a strong paper. If you do not invest the time in your outline, you are likely to have a weak paper.

I have a separate document that I created about preparing a good outline. I created that document for my undergraduate class, but it should work pretty well for this assignment too. I will try to post that document along with these instructions. (That document discusses the level of details in an outline as being Level 1, Level 2, Level 3, or Level 4. The higher the level, the more detail is included – and hence the more effective your outline will be at guiding your paper. In general, you should expect that your grade on this part of the assignment will likely increase as your level of detail increases.)

If you have questions about the requirements...ask me!