Question 3 - What would you like to learn in this course?

There are many ways you may go about answering this question, and as a group we obtained various different answers. This seems like a good place to make a list of all the things we individually decided we would like to learn from the course:

1. We would like to learn different ways and techniques to appropriately teach different programming languages to various levels of students and grade levels.
2. How can we teach key concepts to students while also keeping them engaged and having fun?
3. What kind of issues arise for differing levels of programming students, and how can we aid them in solving these issues without giving up on the process?
4. We would like to build off of previously learned concepts to make difficult code more accessible for students. We want them to learn how these more difficult to understand processes actually make their code better.
5. Along with the initial coding, what are some applicable projects that students can handle and be able to perform?
6. We think learning how to put together a well-rounded programming curriculum is well worth it because we will all be teaching these subjects, and we want our students to learn as much as possible. What goes into a good curriculum and how do you decide scope and sequence? When looking at grade levels from elementary to graduating high school... how do you decide what goes where?
7. Further practice with coding and understanding seems essential. FOP was a great course, but it would be beneficial to further that understanding into learning more and better ways to do what we were doing.
8. Finding ways to tie this course into our first FCCS course would also be beneficial. How do the topics in this course fulfill some of the overview topics from that course?
9. We would like to learn the best ways to introduce computer science to young students and how to keep them persevering through the different concepts and tasks. As we begin implementing some of the computer science standards, we already hear things like “why do I need to know this” or “how will I ever use this” and we would like to have a good solid answer.
10. Learning about other languages seems like it would be beneficial to the overall teaching experience. It seems like languages aim to do similar things to a degree, so learning about more than just Python would be helpful.