# CPSC-24500: Object-Oriented Programming – Week 4

Welcome to Week 4. We have covered a lot of material in the first three weeks. I suspect that last week's programming assignment was challenging. As we near the halfway point of our session, we will continue to focus on delivering real code each week. This week we will continue with enhancing our ability to develop sophisticated interactive Views while also learning how to enhance our Model to read and write from files.

To-do List – Week 4 (April 10 to April 16):

1. Take a quick look through the slides and notes [link] to get a feel for the learning objectives.
2. Review this week's assignment [link]. Our Mosaic programming assignment this week is challenging, but doesn't introduce nearly as many new concepts as FaceDraw did last week.
3. Double-check the course source code that is available either through a browser [link] and/or by executing "git clone https://github.com/EricJPogue/CPSC-24500.git".
4. Watch the Object-Oriented Programming week 4 session 1 video [link].

5. Suggestion: I would suggest starting your Mosaic application with the elements that you already know how to accomplish.
6. Watch the ModelsAndFiles video [link] before the Tuesday Discussion & Lecture session.

7. Participate in the Tuesday 3pm discussion and lecture which will focus on drawing shapes in a View… and/or watch the resulting video [link].
8. Based on popular request, this week we will also have an optional Thursday Discussion & Lecture session over lunch. Bring your questions. Grab your lunch and I will plan on starting at 12:10 and will not go past 1. We will see how it works and continue to adjust going forward.

9. Review the MoreInteractiveUserInterfacess video [link].
10. Continue to update your Mosaic application incrementally.
    Note: I suspect this one will be a little easier for you that FaceDraw. Not because the assignment is easier, but because you are becoming more experienced. If something extra grabs your attention, use this week as an opportunity to add something unique to your project.

11. Complete your Discussion Board posting by the end of the day Wednesday.
12. Respond to one or more other Discussion Board postings by the end of the day Friday.
13. Complete your week 4 assignment and turn it in through the Blackboard "Homework" link by the end of the day Sunday.

Let me know how you are proceeding during the week. Feel free to send me an email or to post something in our "Coffee House" discussion board forum if you have any questions.

Hope to see you Tuesday. Have a great week!