

Final exam info

Friday Dec 12th 8am – 10am

- In-person exam in SW01-1205
- **90 minute exam**

Final will focus mainly on material after the midterm

- May touch on material before midterm indirectly
- **No material on Genetic Algorithms**

Study strategy

- Complete the Practice Final Exam: Week 13 > Lab 10 > COMP 3522 Mock Final – Not Graded
 - The sample final is just a list of questions. It will not match the format of the real final exam.
- Review lecture slides, labs and assignments, old quizzes
- If you have time, try out coding challenges within the lectures

Final exam info

Not sure about a topic?

Online resources:

- <https://www.geeksforgeeks.org/c-plus-plus/>
- <https://www.tutorialspoint.com/cplusplus/index.htm>
- <https://refactoring.guru/design-patterns/cpp>

Search ‘*topic* geeks for geeks’

le: observer design pattern geeks for geeks

Ask me

Final exam format

- Multiple choice, True/False
- Definitions
 - What is a functor?
- Read code snippet and write the output
- Short coding questions
- Long coding questions
 - Long questions are guided
 - Broken down into multiple parts, ask you to write individual functions
- Write a specific design pattern for an application

Final exam format

We've covered a lot of design patterns

- I've created a Design Patterns cheat sheet to summarize the patterns with descriptions, use cases, and class diagrams. *Week 13 > Design Patterns* cheat sheet

There's a LOT of material in this course

- Optional: Bring **TWO pages A4 size, double-sided cheat sheet** to the exam. Hand written or printed Arial size 12 font or up
- Submit cheat sheets with exam
- Sign attendance sheet after submitting exam

Send anonymous review questions to: <https://forms.gle/c9DKoeMD2JMpthkX7>