**Literature**

[main book] Clark Dan (2013): Beginning C# Object-Oriented Programming, 2cd Ed.

Free online: <https://www.w3schools.com/cs/cs_oop.php>   
<https://learnxinyminutes.com/docs/csharp/>   
<https://learn.microsoft.com/en-us/visualstudio/get-started/csharp/tutorial-wpf?view=vs-2022> <https://www.c-sharpcorner.com/article/serializing-objects-in-C-Sharp/>   
<https://learn.microsoft.com/en-us/dotnet/standard/serialization/system-text-json/how-to?pivots=dotnet-8-0>   
<https://refactoring.guru/design-patterns/csharp>

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| Week | Dates | Activity | Information | Literature |
| 15 |  |  |  |  |
| 16 | 17/04 Monday x 2 +  19/04 Wednesday | **Theme 1 (3+3 +3)**  OOP |  | Chpt 1 pages 1-6,  Chpt 2-3 UML + class Design |
| 17 | 24/04 Monday x 2 +  27/04 Wednesday | **Theme 1 (3)**  OOP  +  **Theme 2 (3)**  GUIs with WPF |  | Chpt 5,6 and 7 pages 59-117 |
| 18 | 1/05 Monday x 2 +  3/05 Wednesday | **Theme 2 (3+3)**  GUIs with WPF  +  **Theme 3 (3)** |  | Chpt 11 pages 193-219 |
| 19 | 8/05 Monday x 2 +  10/05 Wednesday | **Theme 3 (3+3 +3)**  Data handling (serialization, JSON, SQL) |  | Chpt 10 pages 161-191 |
| 20 | 15/05 Monday x 2 +  18/05 Thursday x 2 | **Theme 4 (3+3 +3+3)**  Development of large applications (3tier, design patterns and refactoring)  +  Work on application + Q/A about the exam | Work on an application project, covering “Applikationsudvikling” and “system design” and “Databasedesign” | Chpt 15 pages 295-320 |