**Further reading:**

* **Books on coding practice and principles.**
  + [**https://www.amazon.co.uk/Clean-Coder-Conduct-Professional-Programmers/dp/0137081073/ref=pd\_bxgy\_2/258-8904332-5303467?pd\_rd\_w=jYbBZ&pf\_rd\_p=424ee22f-2317-49a5-9cbb-bc8836ac7d96&pf\_rd\_r=Z8FSEC7FTB4NAVVNQ7RQ&pd\_rd\_r=896a4564-3902-4012-b5f7-59d0112c05de&pd\_rd\_wg=zHi0f&pd\_rd\_i=0137081073&psc=1**](https://www.amazon.co.uk/Clean-Coder-Conduct-Professional-Programmers/dp/0137081073/ref=pd_bxgy_2/258-8904332-5303467?pd_rd_w=jYbBZ&pf_rd_p=424ee22f-2317-49a5-9cbb-bc8836ac7d96&pf_rd_r=Z8FSEC7FTB4NAVVNQ7RQ&pd_rd_r=896a4564-3902-4012-b5f7-59d0112c05de&pd_rd_wg=zHi0f&pd_rd_i=0137081073&psc=1)
  + **There are 3 books frequently bought together, here. I haven’t read them or dug into them very deeply but they look like the kind of thing I’d go for…**
* **Design Patterns**
  + [**https://www.dofactory.com/net/abstract-factory-design-pattern**](https://www.dofactory.com/net/abstract-factory-design-pattern)
  + [**https://www.dofactory.com/net/facade-design-pattern**](https://www.dofactory.com/net/facade-design-pattern)
  + [**https://www.dofactory.com/net/observer-design-pattern**](https://www.dofactory.com/net/observer-design-pattern)
  + [**https://www.dofactory.com/net/strategy-design-pattern**](https://www.dofactory.com/net/strategy-design-pattern)
  + [**https://www.dofactory.com/net/iterator-design-pattern**](https://www.dofactory.com/net/iterator-design-pattern)
* **C# language topics**
  + [**https://www.tutorialsteacher.com/csharp/csharp-event**](https://www.tutorialsteacher.com/csharp/csharp-event)
  + [**https://www.tutorialsteacher.com/csharp/csharp-queue**](https://www.tutorialsteacher.com/csharp/csharp-queue)
  + [**https://www.tutorialsteacher.com/csharp/csharp-exception-handling**](https://www.tutorialsteacher.com/csharp/csharp-exception-handling)
  + **Asynchronous programming (Real-time)** 
    - **E.g. get your blackjack table to keep running in the background, so you can join a table and watch the current hand play out before you bet!**
    - [**https://dotnettutorials.net/lesson/asynchronous-programming-in-csharp/**](https://dotnettutorials.net/lesson/asynchronous-programming-in-csharp/)
    - [**https://www.c-sharpcorner.com/article/task-and-thread-in-c-sharp/**](https://www.c-sharpcorner.com/article/task-and-thread-in-c-sharp/)
  + [**https://www.tutorialspoint.com/csharp/csharp\_attributes.htm**](https://www.tutorialspoint.com/csharp/csharp_attributes.htm)
  + [**https://www.c-sharpcorner.com/article/walkthrough-c-sharp-attributes/**](https://www.c-sharpcorner.com/article/walkthrough-c-sharp-attributes/)
* **Databases**
  + [**https://www.entityframeworktutorial.net/code-first/migration-in-code-first.aspx**](https://www.entityframeworktutorial.net/code-first/migration-in-code-first.aspx)
  + [**https://www.tutorialspoint.com/entity\_framework/entity\_framework\_code\_first\_migration.htm**](https://www.tutorialspoint.com/entity_framework/entity_framework_code_first_migration.htm)
  + **Mongo**
    - [**https://docs.mongodb.com/manual/tutorial/**](https://docs.mongodb.com/manual/tutorial/)
    - [**https://www.guru99.com/mongodb-tutorials.html**](https://www.guru99.com/mongodb-tutorials.html)
  + **CosmosDb**
    - [**https://dotnetcoretutorials.com/2020/05/02/using-azure-cosmosdb-with-net-core/**](https://dotnetcoretutorials.com/2020/05/02/using-azure-cosmosdb-with-net-core/)
    - [**https://www.c-sharpcorner.com/article/simple-crud-operations-in-cosmos-db/**](https://www.c-sharpcorner.com/article/simple-crud-operations-in-cosmos-db/)
* **Dependency Injection**
  + [**https://www.c-sharpcorner.com/UploadFile/4d9083/dependency-injection-using-simple-injector/**](https://www.c-sharpcorner.com/UploadFile/4d9083/dependency-injection-using-simple-injector/)
  + [**https://www.claudiobernasconi.ch/2019/01/24/the-ultimate-list-of-net-dependency-injection-frameworks/**](https://www.claudiobernasconi.ch/2019/01/24/the-ultimate-list-of-net-dependency-injection-frameworks/)
    - **Unity**
    - **Autofac**
* **TDD / Unit Testing**
  + [**https://www.c-sharpcorner.com/article/introduction-to-nunit-testing-framework/**](https://www.c-sharpcorner.com/article/introduction-to-nunit-testing-framework/)
  + [**https://www.lambdatest.com/blog/most-complete-mstest-framework-tutorial-using-net-core-2/**](https://www.lambdatest.com/blog/most-complete-mstest-framework-tutorial-using-net-core-2/)
  + [**https://www.c-sharpcorner.com/article/getting-started-with-unit-testing-using-c-sharp-and-xunit/**](https://www.c-sharpcorner.com/article/getting-started-with-unit-testing-using-c-sharp-and-xunit/)
* **ASP.NET MVC** 
  + [**https://www.tutorialsteacher.com/mvc**](https://www.tutorialsteacher.com/mvc)