Mycos – C# from the ground up

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| **Course** **Objective** | Make You Want to Understand More… and possibly love C#. |
| **Course** **Rules** | No phones in training. Be polite. Be on time. Do the assignments. Type the code. Don’t copy someone else’s work. |

**DAY ONE TOPICS**

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| Item | Topic |
| 0 | C#, Language Wars and Agnosticism |
| 0.25 | **Keep it clean**… formatting code, getting it to work is not enough…  Care this much: https://www.youtube.com/watch?v=SsoOG6ZeyUI |
| 0.5 | Naming Things… the hardest problem***, “Thou shalt not use names to version stuff.”*** |
| 0.75 | StackOverflow: Does it make me less of a programmer? |
| 1 | Dotnetcore, dotnetstandard, etc. |
| 2 | Statically typed vs. dynamic duck/typing. |
| 3 | Ildasm – A Quick Look at intermediate language |
| 4 | The Flow of the Course |
| 5 |  |
| 6 | Command Line vs. GUI tools***, “Thou shalt not fear the command line.”*** |
| 7 | Exception Handling: The Basics |
| 8 | GIT – The absolute basics - gitignore, ***“Thou shalt not (almost ever) check-in binaries, object, dependencies, and debug files.”*** |
| 9 | Unit Testing: XUnit – Facts and Theory |
| 10 | Assignment |