# Three-Week GO Study Plan

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| **Day** | **Topic** | **Sections Covered** | **Done** |
| **Week 1** |  |  |  |
| **2025/9/26** | Intro, data\_types, string, Go cli | 01-07 | [ √ ] |
| **2025/9/27** | Variables, basic function | 08-13 | [ ] |
| **2025/9/28** | Operators, if else, switch. | 14-20 | [ ] |
| **2025/9/29** | Looping | 21-23 | [ ] |
| **2025/9/30** | review | 24 | [ ] |
| **2025/10/1** | Structures, arrays, slices | 25-33 | [ ] |
| **2025/10/2** | Ranges, maps | 34-37 | [ ] |

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| **Week 2** |  |  |  |
| **2025/10/3** | Pointers | 38-40 | [ ] |
| **2025/10/4** | Review & Catch-Up | 41-42 | [ ] |
| **2025/10/5** | Receiver Function, iota | 43-47 | [ ] |
| **2025/10/6** | Variadics, text formatting, packages, inti Function | 48-51 | [ ] |
| **2025/10/7** | Testing, interfaces | 52-57 | [ ] |
| **2025/10/8** | Error, readers | 58-63 | [ ] |
| **2025/10/9** | Type Embedding, function Literals | 64-69 | [ ] |

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| **Week 3** |  |  |  |
| **2025/10/10** | Defer, Concurrent, goroutines | 70-74 | [ ] |
| **2025/10/11** | Channels, Synchronization | 75-78 | [ ] |
| **2025/10/12** | WaitGroups, Mutexes, Synchronization | 79-81 | [ ] |
| **2025/10/13** | Review | 82 | [ ] |
| **2025/10/14** | gcc\_Installation, Project\_Setup, Canvas\_Overview\_State, Creating\_a\_Swatch | 83-86 | [ ] |
| **2025/10/15** | Swatch\_Layout\_First\_Run, Color\_Picker\_App\_Layout, pixel | 87-91 | [ ] |
| **2025/10/16** | Panning\_Zooming, Painting\_Pixels, Cursor\_Display. | 92-94 | [ ] |
| **2025/10/17** | Creating\_New\_Images, Saving\_Images, Loading\_Images | 95-98 | [ ] |