# Module 0 – Introduction

* Overview of the day
* System requirement
* PowerShell initial configuration for today

# Module 1 – PowerShell fundamentals

* What is PowerShell and how did it start
* How to read the PowerShell language
* Different versions of PowerShell
* Help and command discovery in PowerShell
* What are objects in PowerShell and why are they great
* The PowerShell pipeline
* Exercises

# Module 2 – Using variables and working with objects

* Define variable in PowerShell
* How PowerShell determines what type an object is
* Access different methods and properties on an object
* Set an object as a specific object type
* Working with strings in PowerShell
* Create an array and a hash table in PowerShell
* Creating PowerShell custom objects
* Exercises

# Module 3 – Loops and conditional operators in PowerShell

* Different loops in PowerShell
* Working with if-else and switch statement
* Operators in PowerShell
* Exercises

# Module 4 – PowerShell modules, snap-ins and functions

* What are PowerShell functions
* How to create a PowerShell function
* PowerShell modules and snap ins
* Basics of PowerShell modules
* How to Import and load modules and module auto loading
* Using the PowerShell Gallery to discover and download modules
* Exercises

# Module 5 – PowerShell tips and tricks from the field

* Setting up a PowerShell profile
* Error handling
* Administrative console versus normal console
* Different streams in PowerShell
* Create a GUI from PowerShell
* Filtering in PowerShell
* Using version control
* ISESteroids

# Module 6 – Closing notes

* Summary of the day
* Additional learning resources
* Call to action