**Common PowerShell Commands**

| **Cmdlet** | **Function** | **Equivalent Command** |
| --- | --- | --- |
| Set-Location | Changes to specified directory | cd |
| Get-ChildItem | Return current directory contents | ls, dir |
| New-Item | Makes a new file or directory | touch, mkdir |
| Remove-Item | Deletes a file or directory | rm, rmdir |
| Get-Location | Retrieves path to current directory | pwd |
| Get-Content | Returns file contents | cat, type |
| Copy-Item | Copies a file from one given location to another | cp |
| Move-Item | Moves a file from one given location to another | mv |
| Write-Output | Prints output | echo |
| Get-Alias | Shows aliases for the current session | alias |
| Get-Help | Retrieves information about PowerShell commands | man |
| Get-Process | Gets processes running on local machine | ps |
| Stop-Process | Stops one or more defined processes | kill |
| Get-Service | Gets a list of services | service --status-all |

**How to Use Documentation and Find Commands**

To find documentation on a cmdlet:

* Get-Help {cmdlet}
  + For example: To find documentation on Set-Location:
    - Get-Help Set-Location

To find specific examples:

* Get-Help {cmdlet} -examples

To find cmdlets by noun:

* Get-Command -Type Cmdlet | Sort-Object -Property Noun | Format-Table -GroupBy Noun

To find cmdlets by verb:

* Get-Command -Type Cmdlet | Sort-Object -Property Verb | Format-Table -GroupBy Verb

**Wildcards**

To find by noun:

* Get-Command -Noun {noun}

To find by verb:

* Get-Command -Verb {verb}

**Chocolatey**

To install a package:

* choco install <package>
  + Use the -y parameter to auto-confirm
  + choco install -y <package>

To uninstall a package:

* choco uninstall <package>
  + Use the -y parameter to auto-confirm
  + choco uninstall -y <package>