# Xamarin

# Day 1 – 2 hours

* LO Sheet
* History of Cross Platform
* Ensure VS 2017 is setup properly
  + Have students start and configure Visual Studio:
  + -Students go to Tools-Options-Nuget Package Manager-General and disable downloading missing packages.
  + -Need to run the script to backup settings for Visual Studio, on root of G:\
  + Run from command line: G:\Vsappdata backup
  + C:\Program Files (x86)\Android\android-sdk\emulator is where the emulator program is
  + Students will need to have their ANDROID\_SDK\_HOME set to the D:\Android
* Create an Android emulator – AndroidNugat – Nexus 7 (7.02”) – Android 6.0 API 23 – Atom x86 – Emulated Front Camera – 1024 Ram – 200 storage, 64 sd card
* Put my emulator wherever the AVD Manager lists at the top of the screen, unless it is profile
* Do HelloWorld project.
* Discuss layouts in Xamarin (XAML and programmatically)
* Accessing Screen Size example
* Color Grid Example, programmatic content layout