Installation Cheat Sheet - Emgu CV 2.4.10 (for Visual Basic.NET or C#)
using Windows 7 + Visual Studio 2013 + with precompiled binaries
(should also work with Windows 8/8.1, not tested though)

download Emgu CV 2.4.10 executable installer
(i.e. "libemgucv-windows-universal-cuda-2.4.10.1940.exe" or "libemgucv-windows-universal-2.4.10.1940.exe")

add something about MSVCRT 9.0 SP1 x86 or MSVCRT 9.0 SP1 x64 here !!??

add:
C:\Emgu\emgucv-windows-universal-cuda 2.4.10.1940\bin\x86
to operating system PATH

reboot, verify path now includes above directory

start Visual Studio 2013
make new project
name it as you prefer
I recommend unchecking "Create directory for solution" and "Add to source control"
choose Visual C# or VB.NET, Windows Forms Application

save (continue saving throughout as needed)

rename form if desired, for example frmMain (much better to do this now than later)

Project -> Add Reference -> Browse -> Browse...

navigate to C:\Emgu\emgucv-windows-universal-cuda 2.4.10.1940\bin

highlight the following 10 files:

Emgu.CV.DebuggerVisualizers.VS2013.dll
Emgu.CV.dll
Emgu.CV.GPU.dll
Emgu.CV.ML.dll
Emgu.CV.OCR.dll
Emgu.CV.OpenCL.dll
Emgu.CV.Stitching.dll
Emgu.CV.UI.dll
Emgu.CV.VideoStab.dll
Emgu.Util.dll

choose Add, make sure they are all checked, then choose OK

Project -> Add Existing Item

navigate to C:\Emgu\emgucv-windows-universal-cuda 2.4.10.1940\bin\x86

change viewable files to "All Files (*.*)"

highlight all files that start "opencv_" and end in ".dll", choose add

in Solution Explorer, highlight all DLLs just added
Properties -> Copy to Output Directory, set to "Copy Always"

the following will add the special Emgu controls to the Toolbox (you only have to do this once):
choose Design View (where you edit the form) if you are not in Design View already
bring up the Toolbox, the usual controls will be there (Button, Text Box, etc.)
expand General
right click in empty area of General, choose "Choose Items"
ImageBox will not be listed yet
choose "Browse..."
navigate to C:\Emgu\emgucv-windows-universal-cuda 2.4.10.1940\bin
double click on "Emgu.CV.UI.dll"
ImageBox should be listed now, check it if it is not already checked and choose OK
move ImageBox above the other Emgu controls, then move General to the top of the toolbox

recreate the form as shown in the video, your form should include:
btnOpenFile (Button)
lblChosenFile (Label)
ibOriginal (Emgu ImageBox)
ibCanny (Emgu ImageBox)
ofdOpenFile (OpenFileDialog)

you can use Containers to place components, or place by coordinates and use code to resize when the form is resized
oddly, the latter of these is often the most efficient option !!

verify the button is correctly named btnOpenFile, then double click on the button in the design view
this will write the first and last lines of btnOpenFile_Click() for you

copy/paste remaining code from one of:
CannyStill.vb
CannyWebcam.vb
CannyStill.cs
CannyWebcam.cs

NOTE: do NOT copy/paste over any code that Visual Studio wrote for you !!