Getting the STM32F103 Board to work.

1. Download and install the latest stable version of the Arduino IDE.
2. Run the IDE and on the Tools menu, select the Boards manager, and install the Arduino Due from the list of available boards.
3. Download zip file containing the STM32 files from here https://github.com/rogerclarkmelbourne/Arduino\_STM32/archive/master.zip
4. Unzip to create the Arduino\_STM32 folder
5. Copy the Arduino\_STM32 folder to My Documents/Arduino/hardware (note. if the hardware folder doesn't exist you will need to create it)
6. If using Maple or Maple mini you need to install the windows drivers. By running the install\_drivers.bat file in the \hardware\Arduino\_STM32\drivers\win folder (which you just copied), This runs dwi-simple.exe twice, once to install the usb serial device and once to install the DFU device.
7. Restart Arduino IDE, and select the appropriate board from the Tools -> Board menu, and select the appropriate Com port.

For running sketch:

1. Get the ST drivers from the T: drive: T:\Engineering Competitions\ASEE ROBOT\2017\Programming\STM32 stuff
2. Extract the zip file “en.stsw-link009.zip”
3. Run the .exe installer
4. Select “Generic STM32F103C Series” as a board
5. Select “STM32F103C8 (20k RAM 64k flash)” as a variant
6. Use STLink as upload method
7. *Note*: LED pin is PC13

*Pinout for the ST32 Microcontroller Located on the T: drive under “T:\Engineering Competitions\Data Sheets\ The-Generic-STM32F103-Pinout-Diagram.pdf.*

*Use squiggly lines for Servos.*