

# C Class



March 2 through  
June 15 2011

Learn to Program C for big and small computers, Games and Utilities for DOS, Windows, MAC and Linux. Free, no credit Class at WV State University 7pm Wednesdays. Contact Neil at Neil@TheChak.net for information and recieve email notices.

This is a fast paced hands on Class.



### Topics Include:

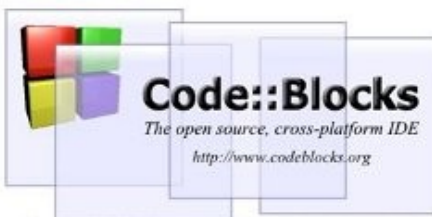
- Low level programming in C for DOS (concepts apply to single chip micro-controllers)
- Write 16 bit applications for small computers
- 16 bit calculator program
- Access Serial Ports in C using DOS, Windows and Linux
- Write windows 32 bit Games with the Allegro Game Library\*\* and MinGW
- Vector and Raster Graphics programming
- Animation of characters
- WAV and MIDI programming
- Read keyboards, joysticks and mice with high speed
- Program game maps
- 2d Vertical Scrolling games
- 2d Horizontal Scrolling games
- Artificial Intelligence
- Playing movies in your programs



Many small simple examples & games to illustrate the material.



\*\* In class we will program windows 32 bit but the Allegro Game Library can be used for a wide variety of computers including Windows 64, Linux 32 and 64, Mac OSX 32 and 64, BOS, Haiku and PSP.



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