

...:WELCOME TO :..

CIS150 – PROGRAMMING LOGIC (OR)

CIS175 – DATABASE/SQL (OR)

CIS202 – VISUAL BASIC (OR)

CIS212 – ADVANCED VISUAL BASIC (OR)

CIS220 – SYSTEMS ANALYSIS & DESIGN (OR)

CIS275 – ADVANCED DATABASE/SQL

Course schedule available

KVCC website

Faculty search – John Burns

Two nights a week, except when college is closed...

CLASS SESSIONS

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'Contact Time' 15 weeks, 30 classes

January 2019						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

February 2019						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	1	2
3	4	5	6	7	8	9

March 2019						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27	28	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

April 2019						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

Heard over and over...

HOW HARD IS THIS CLASS?

HOW HARD IS THIS CLASS?

- ▶ Roughly 80% of the students which start my class... will finish with a passing grade. Over 60% with a very good grade.
- ▶ The rest?
 - ▶ Loss of focus, inability to continue due to outside influences (e.g. life, work)
 - ▶ Just don't put out the effort for their own learning
 - ▶ *I've yet to learn how to help someone that lacks motivation or just doesn't want to learn*

Miss a class. Course Textbook?

BITS TO KNOW

ARRANGE YOUR TIME – THE NUMBERS

- ▶ Hours in a Week? 168 (e.g. 24×7)
- ▶ Sleep? 56 (e.g. 8×7)
- ▶ Class hours Week? ~6 (e.g. depends on class, but close enough)
- ▶ Work hours? 40-50 (e.g. you work, right?, most do)

- ▶ Balance Available? At least 56 hours available to study...
 - ▶ Other classes, eat/bathe, spend time with family...
 - ▶ Dedicating a couple hours (2-5) each week for a class - there is a lot of time in that 56 hours. As long as it's not spent as "wasted time".
- ▶ *If you don't work* – you have even more time for getting class work done.

BITS TO KNOW: MISS A CLASS

- ▶ We have 29-30 classes to discuss, practice, and apply the course content
- ▶ Miss a class?
 - ▶ Up to you to teach yourself what you missed.
 - ▶ But wait... can't we meet and you do a private class? Uh no... not the way it works.
 - ▶ We can meet/trade emails about what was missed – but NOT re-do the class period.
- ▶ You give up ~4 to 7% of possible learning opportunities
 - ▶ Figure you've lost that much of your possible semester grade
 - ▶ It matters...
- ▶ Course content is cumulative.
 - ▶ How do you learn later concepts, if you have not learned the initial concepts, yet?
 - ▶ Make up work, further delays your learning...

BITS TO KNOW: TEXTBOOK REQUIRED?

- ▶ Some classes have required textbooks.
- ▶ Some classes have suggested textbook(s).
- ▶ Can you learn without them?
 - ▶ Maybe... but why add to your struggles?
- ▶ Haven't reviewed/read any of them yet? You're already behind...

BITS TO KNOW: TEXTBOOK – TIP!

- ▶ Prepared students have already scanned all chapters of the course book before 1st night
- ▶ WOW
- ▶ The book is a reference. Learn what's where...
- ▶ Class projects could use information from more than one chapter

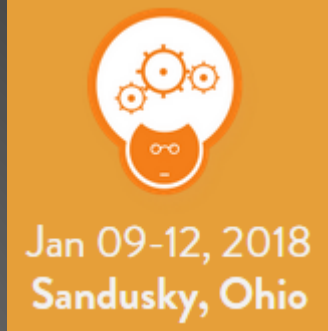
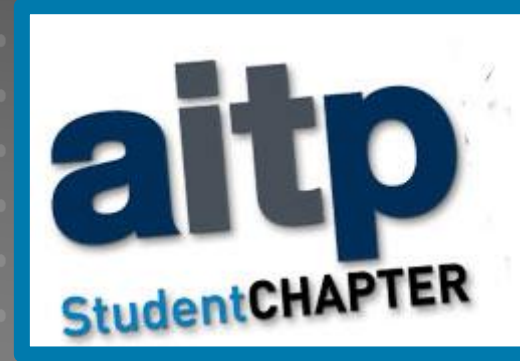
“NON EST VIVERE SED VALERE VITA EST”

Life is more than merely staying alive

MEET PEOPLE!

MEET PEOPLE

- ▶ Networking... YOU need it!
- ▶ Your classmates
- ▶ Your work peers
- ▶ Your industry peers



TOOLS

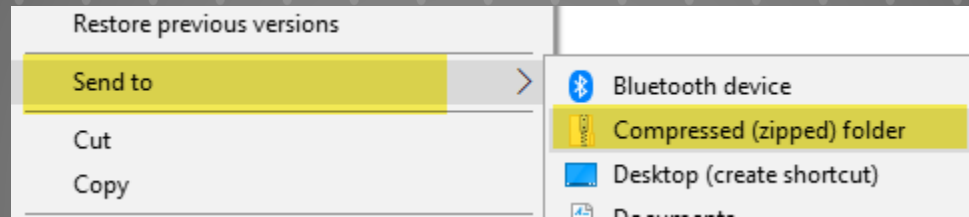
TOOLS

- ▶ Flash drives are good for...
 - ▶ Backups
 - ▶ Transferring data from A to B

- ▶ Flash Drives are **not good for...**
 - ▶ Directly working on code
 - ▶ Too much activity – slow
 - ▶ High probability you will lose your project(s)
 - ▶ They have a maximum 'write' cycle

FILE COMPRESSION

- ▶ If there is a need to compress a file/folder
- ▶ Use Windows “Send to”, then *Compressed (zipped) folder*



- ▶ No 3rd party compression programs are needed for this - by you or me.
 - ▶ Yes, I get some 3rd party compression programs will reduce file smaller than the built-in Windows compression – however, for the file sizes we are working with – there is zero gain, when factoring in chasing down the necessary 3rd party tool, verifying it doesn't contain malware, getting it installed – all before I can get the file unzipped.

“REMOTE” PROJECT HAND-IN

- ▶ Emailing programming code? **Do Not!**
 - I. The college’s email filter system traps anything that is executable or suspicious code-like. This means there will be delays or outright quarantine/removal.
- ▶ The College VIP system has a Files option which enables turning in content to the class “Hand-in” folder.
 - ▶ This is the same Hand-in folder available “on the network”.
 - ▶ Learn to use this... before you find you need it and get confused and/or upset. Do not let the computer “beat you”... this is a simple process which is used by many each semester.
 - ▶ The goal is to hand it in AND not have me chasing it down... because you used some other method.
- ▶ Alternate methods may be considered – will have to be so much easier than VIP Hand-in – as to make either of us to want to use it.

KVCC 'VIP' – FILES – OPTION ONE

Files (zipped or single) exists on KVCC network (your 'O' drive)

- ▶ Use Upload Files link on right-side – to get local file to 'O' drive
 - ▶ Upload file (or zipped folder)
- ▶ Click checkbox on this uploaded file
- ▶ Click Add Checked to Selected
- ▶ Click Hand-in
- ▶ Select the class
- ▶ Press button Yes – Hand-in...

My Files - Command

- **Add Checked to Selected**
- [Create Directory](#)
- [Upload File\(s\)](#)
- [My Files - Help](#)
- [Log Out of My Files](#)
- **Checked/selected dir/file(s) actions:**
 - [Copy](#) | [Move](#) | [Rename](#) | [Delete](#) | [Hand-In](#) | [Archive](#) | [Download](#) | [Unzip](#) | [Empty Trash Bin](#)

Hand-In - Local (My Files) ?

[Hand-In - Remote](#) (Your System)

Are you sure you want to hand-in the 1 items selected below and all of the checked items in the explorer window on the left to the class selected in the drop down box below?

-- Class -- ▾

YES - Hand-In the Selected & Checked Items

Clear the selection list after hand-in is completed?

1 Selected Directories/Files [add checked](#) [clear list](#) ?

home\Normal.dotm

If you want to push files to 'O' drive first.

KVCC 'VIP' – FILES – OPTION TWO

Files handed in, directly from your machine. (called 'remote' in dialog)

- ▶ Click Hand-in
- ▶ Click “Remote” (your system)
- ▶ Browse to local file
 - ▶ If hand-in is multiple files, put into folder & zip it
- ▶ Select the class
- ▶ Press button Yes – Hand-in...

The screenshot shows a web interface for file management. At the top right is a yellow header 'My Files - Command'. Below it is a menu with options: 'Add Checked to Selected', 'Create Directory', 'Upload File(s)', 'My Files - Help', 'Log Out of My Files', and 'Checked/selected dir/file(s) actions:'. The actions menu includes 'Copy', 'Move', 'Rename', 'Delete', 'Hand-In', 'Archive', 'Download', 'Unzip', and 'Empty Trash Bin'. Below the menu is a red header 'Hand-In - Remote (Your System)' and a grey header 'Hand-In - Local (My Files)'. There are five rows for file selection, each with a 'Browse...' button, the text 'No file selected.', and three radio buttons labeled 'Auto', 'Ascii', and 'Binary'. Below the file selection is a question: 'Are you sure you want to hand-in the files selected above to the class selected in the drop down box below?'. A dropdown menu shows '-- Class --'. At the bottom is a yellow button 'YES - Hand-In the Selected Files' and a status bar '0 Selected Directories/Files [add checked clear list]'.

WHAT'S IMPORTANT?

WHAT'S IMPORTANT

- ▶ Typing *is important*
 - ▶ Where keys are (insert, delete, home, end, pgup/down), 10-key
 - ▶ Speed – not so much. It helps to be fast, but quality is better.

CURIOSITY

WHAT'S IMPORTANT

- ▶ Mousing *is important*
 - ▶ Left-click, Right-click, Middle/wheel-click, highlighting text/rows/paragraphs

CURIOSITY

WHAT'S IMPORTANT

- ▶ Knowing Windows concepts... *is important*
 - ▶ Resize a window, close a window, what a menu is, what a toolbar is, opening/closing files, copying files/folders
 - ▶ Copy/pasting (keyboard and/or mouse)

CURIOSITY

WHAT'S IMPORTANT

MUCH More Important?

- ▶ Your willingness to learn, to focus, and to try

CURIOSITY



I have skills. I am afraid of computers. Programming scares me.

TYPES OF LEARNERS

TYPES OF LEARNERS

- ▶ I already can write code/work with databases
 - ▶ Good for you.
 - ▶ Let's see if we can both learn something new?
 - ▶ Let's see if we can help you lose some bad habits.
- ▶ I struggle with computers – this has GOT to be too hard!
 - ▶ Not if you're curious and willing to learn.
 - ▶ Yes... it will likely take you more time outside of class.
- ▶ Programming = UGH
 - ▶ Yes! You CAN DO IT

EDUCATION INVOLVES MUCH MORE THAN “SHOWING UP”

Participate and Take Responsibility...
For *Your* Education