

...: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 2018

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	31	1	2	3
4	5	6	7	8	9	10

February 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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	10

March 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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	7

April 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	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
29	30	1	2	3	4	5

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 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

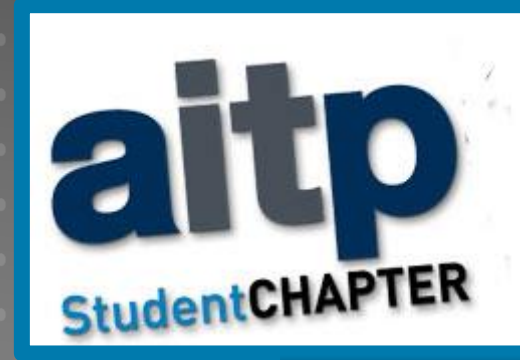
“NON EST VIVERE SED VALERE VITA EST”

Life is more than merely staying alive

MEET PEOPLE!

MEET PEOPLE

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



Jan 09-12, 2018
Sandusky, Ohio

KalamazooX

codestock



TOOLS

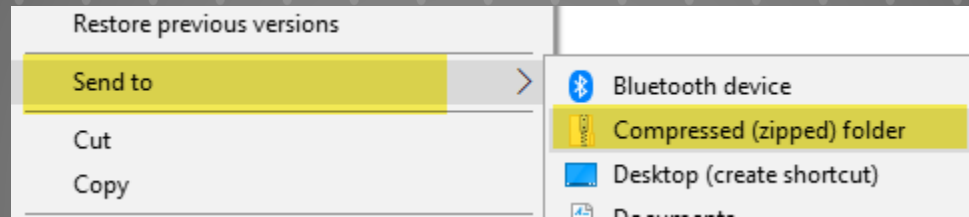
TOOLS

- ▶ 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

Note: A yellow callout bubble says "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-based file management interface. At the top right, a yellow box contains the text "My Files - Command". Below this, a list of actions is displayed: "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 "Checked/selected dir/file(s) actions:" section includes a row of buttons: "Copy", "Move", "Rename", "Delete", "Hand-In", "Archive", "Download", "Unzip", and "Empty Trash Bin". The "Hand-In" button is highlighted in yellow. Below the actions, there is a section titled "Hand-In - Remote (Your System)" with a red background. Underneath, there is a section titled "Hand-In - Local (My Files)" with a grey background. This section contains five rows, each labeled "File 1:" through "File 5:". Each row has a "Browse..." button and the text "No file selected.". To the right of each row are three radio buttons labeled "Auto", "Ascii", and "Binary". The "Auto" radio button is selected for all five files. Below the file selection section, there is a confirmation prompt: "Are you sure you want to hand-in the files selected above to the class selected in the drop down box below?". Below the prompt is a dropdown menu showing "-- Class --". At the bottom of the dialog, there is a yellow button labeled "YES - Hand-In the Selected Files". At the very bottom, there is a status bar showing "0 Selected Directories/Files" and two links: "add checked" and "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