

# ...: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, 29 classes

## September 2019

| 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   |

## October 2019

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 29  | 30  | 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   |

## November 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  | 29  | 30  |
| 1   | 2   | 3   | 4   | 5   | 6   | 7   |

## December 2019

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |
| 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   |

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.  $24 \times 7$ )
- ▶ Sleep?                      56      (e.g.  $8 \times 7$ )
- ▶ 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 1<sup>st</sup> night
- ▶ WOW
- ▶ The book is a reference. Learn what's where...
- ▶ Class projects could use information from more than one chapter

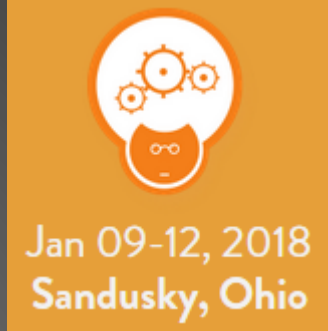
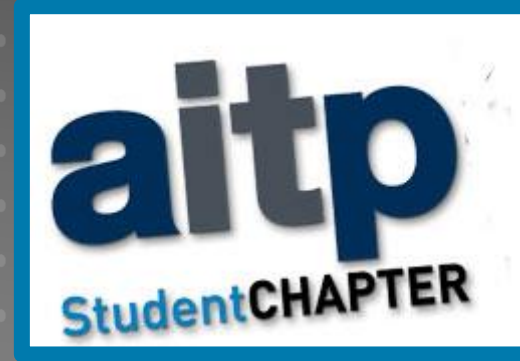
“NON EST VIVERE SED VALERE VITA EST”

Life is more than merely staying alive

**MEET PEOPLE!**

# MEET PEOPLE

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



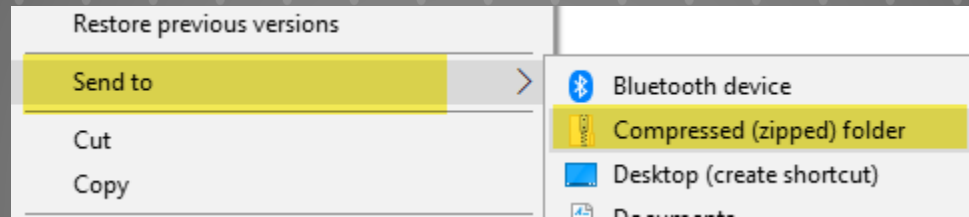
TOOLS

# 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 3<sup>rd</sup> party compression programs are needed for this - by you or me.
  - ▶ Yes, I get some 3<sup>rd</sup> 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 3<sup>rd</sup> 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 the 'My Files - Command' interface. At the top, there is a menu with the following items: [Add Checked to Selected](#), [Create Directory](#), [Upload File\(s\)](#), [My Files - Help](#), [Log Out of My Files](#), and **Checked/selected dir/file(s) actions:**. Below the menu, there are several action buttons: [Copy](#), [Move](#), [Rename](#), [Delete](#), [Hand-In](#), [Archive](#), [Download](#), [Unzip](#), and [Empty Trash Bin](#). The 'Hand-In' button is highlighted in yellow.

Below the menu is a dialog box titled 'Hand-In - Remote (Your System)'. It has a sub-header 'Hand-In - Local (My Files)'. The dialog contains five rows, each representing a file to be uploaded:

|   | Auto                             | Ascii                 | Binary                |
|---|----------------------------------|-----------------------|-----------------------|
| <b>File 1:</b> <input type="text" value="Browse..."/> No file selected. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>File 2:</b> <input type="text" value="Browse..."/> No file selected. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>File 3:</b> <input type="text" value="Browse..."/> No file selected. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>File 4:</b> <input type="text" value="Browse..."/> No file selected. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>File 5:</b> <input type="text" value="Browse..."/> No file selected. | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Below the table, there 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?'. Below the question is a dropdown menu with the text '-- Class --'. Below the dropdown menu is a button labeled 'YES - Hand-In the Selected Files'. At the bottom of the dialog, there is a status bar that says '0 Selected Directories/Files' with links for [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