CPU

choate programming union

Le CPU - Ze grand maester plahning dokyument

Within these wordprocessed pages are the keys to world domination.

* batteries not included * accessories sold separately. * please use responsibly

<u>Le Table of Contents</u>

Le Running List of all of CPU's Digital Projects

- Weebly website - http://crh-cpu.weebly.com/
- Old weebly website - http://crhpc.weebly.com/index.html
- The Suggestion Box - https://docs.google.com/document/d/1pRX1u2H3Pj-pVlNEh_gpKaX0l6b2HnRMvewVgByaXPQ/edit
- The CPU subreddit - http://www.reddit.com/r/cpuzone/

Le List of Archived CPU Surveys

- Fall Term Expectations Survey (surveymonkey) 2014
- Winter Survey 2014
- End of Year Survey 2014

Le Syllabus and Meeting Structure

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HI!!!

Today is July 31st, 2014. CONGRATULATIONS!

If you look at the CPU survey results from the end of spring term, there is one response that stands out and is echoed by all others:

"When there is a lesson plan you teach well."

And when there is not a lesson plan, things fall apart.

Because we never actually have time to make lesson plans during the year, I think that if we want club meetings to be constructive, we need to start planning our syllabus *now*.

So, first things first:

How are individual meetings set up? (Lesson plans involve time allotment)

>>> WEEKLY MEETING SCHEDULE <<<

CPU Meeting Schedule STRUCTURE	
6:30-6:45	Patrick gives a fifteen-minute general lecture on fascinating but obscure technology concept (like web servers, encryption, or how pkbasic works) while latecomers arrive.
6:45-7:00	Alex teaches the programming concept of the week. We can rip off the course topics list from an MIT introductory python course I found.
7:00-7:30	People do the ASSIGNMENT. This is the most daunting part of every meeting, because people suck at concentrating and applying knowledge on a Friday night.

Weekly Syllabus

<u>Fall Term</u>

September 2014

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

- text = school event
- text = club meeting

Meeting #	Date	To do	Things we'll cover
1	9/10/14	Intro & Paperwork / Hello World	Paperwork and Pizza Hello, world!
2	9/12/14	Let's make a webpage!	<head></head><body></body> <h1><p><a>
3	9/19/14	Getting visual	<img><table> <script>
4	9/26/14	Cascade yourself!	div/span/css

October						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			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	

- text = school event
- text = club meeting

Meeting #	Date	To do	Things we'll cover
5	10/3/14	JS	more alerts/prompts/ date
6	10/10/14	Buttons	ok/cancel make text appear input/output (e.g. put in 2 , get out 4)

7	10/17/14	Programming
		Let's cheat on homework! (Quadratic formula)
			variables
			   ● datatypes
			   ● scope
			math operations
			   ● practice copying formulas

8	10/24/14	JQuery	show/hide things add/remove css classes
9	10/31/14	Halloween!	???

November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						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						

- text = school event
- text = club meeting
- text = cancelled meeting

Meeting #	Date	To do	Things we'll cover
10	11/7/14	Let's get iffy!	Recap of variables and operators 'if statements'
11	11/14/14	Choose your own adventure!	Recap of 'if statements' prompt()
12	11/21/14	Chillax, Winter is coming.	Pizza! Send them link to recap. Smash Bros. /VIDEOGAMEZ!!!

WINTER TERM:

Make sure for first meeting, do a recap of fall.

Todo section:

- clubfair demo
- ~~make a club subreddit?~~ /r/cpuzone   -- heck yeah!
- what are we gonna do on halloween?
- remake website?
- write code samples for all of the meetings
- Get officer t-shirts!

Getting started requirements:

- You need to have an email.
- You need to have a DropBox account.
- You need to have a Google Drive account.
- It is suggested you have a reddit account (so you can use the CPU forum there).
- You need to have a modern web browser.
- You need to have a text editor.
    - Suggested editor: NotePad++/vi/emacs

CPU Member Expectations

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1. Thou shalt not forget thy laptop.
   For the sake of holding a productive meeting, all members who want to stay in the meeting space are required to have a functional laptop with them.

2. Thou shalt appear on time.
   This is a very, very important date. Don't be late.

3. Thou shalt not screw around during meeting time, unless authorized.
   This means shutting up if it's subtracting from the learning environment.

4. Thou shalt have the required software with thee on thy functional laptop.
   Internet Explorer is not a browser.
   You can't learn to program if you don't have the tools.

5. Thou shalt not be a jerk to thine fellow codemonkey.
   No hate, no discrimination. Tolerate each other.

Getting Started as a CPU Member

So you've decided to take the plunge and become a CPU member.

Here's a short list of things you should do or have to complete your initiation.

- You need to bring a laptop to ALL meetings.
- You need to have a (Choate) email.
- You need to have a DropBox account.
- You need to have a Google Drive account.
- We suggest that you get a reddit account (so you can use the CPU forum there).
- You need to have a modern web browser. (Not Internet Explorer!)
- You need to have a text editor. (We suggest NotePad++ or Atom).
- Make sure you're on our mailing list! It's one of the ways we figure out who's officially in the club. Send us an email if you're not.