edX 課程平台使用說明

1、 edX 網址: <u>http://thux.thu.edu.tw/</u> 或 <u>http://140.128.97.46/</u>

點選左上角 REGISTER NOW 圖示,註冊新帳號。

【提醒】務必使用學校 T-mail 信箱作為帳號,認 T-mail 登記成績。

| REGISTER NOW | Log in |
|--|---|
| WELCOME! Register below to create your edX account | ···· |
| Please complete the following fields to register for an account. Required fields are noted by bold text and an asterisk (*) . | ALREADY REGISTERED? Click here to log in. |
| E-mail * 填寫學校 T-MAIL,例如:s1002101@the example: usernam.com Password * 自訂密碼 Public Username * 寫學號。例如:s1002101 | u.edu.tw Negracening with edX gives you access to all of our current and future free courses. Not ready to take a course just yet? Registering puts you on our mailing list - we will update you as courses are added. NEXT STEPS As part of joining edX you will receive an |
| example: JaneDoe Will be shown in any discussions or forums you participate Full Name * Example: Jane Doe Needed for any certificates you may each (cannot be changed later) | activation email. You must click on the activation link to complete the process. 姓名 NEED HELP? |
| Highest Level of Education Completed Gender Year of Birth Image: South any certain carbon of the change of the completed Gender Year of Birth Image: South any certain carbon of the change of the | Need help in registering with edX? View our FAQs for answers to commonly asked questions. Once registered, most questions can be answered in the course specific discussion forums or through the FAQs. |
| Please share with us your reasons for r | t my edX account(記得收 AIL 並回覆訊息,才會完 :冊!) |
| Create my edX Account | |
| pout Jobs Press FAQ Contact | |



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2、



3、到T-MAIL 信箱收信

| 🙈 Your a | ccount for | edX - Uni | icode (UT) | F-8) | | | | | | | | | | | | | | | | | | | |
|---|--|--------------------------------------|--|--|--|---|--------------------|---------------------------|-------|-------------------------|-------------------------|------------------------|-------------------------|--------------|----------------------|-------------------|---------------|-------|-----------------|-----------------|----------|-----|--|
| 檔案① | 編輯(王) | 檢視(⊻) | 工具(<u>T</u>) | 郵件(M) | 說明(出) | | | | | | | | | | | | | | | | | | |
| 》 回覆 | ● 全部回覆 | <mark>%</mark> 轉寄 | 》 列ED | × | した一個 | 下一個 | <u>い</u> 通訊 | 錄 | | | | | | | | | | | | | | | |
| 寄件者: 日期: | registra 2014年4 | tion@exar 月30日上 ⁴ | mple.com Ŧ 09:32 | | | | | | | | | | | | | | | | | | | | |
| ·虹开省。 主旨: | Your ac | count for e | du.tw edX | | | | | | | | | | | | | | | | | | | | |
| Thank y http://w If you require : The me: http://w | ocalhost/a ocalhost/a d didn't rec assistance | ning up fo ctivate/88 文成 om | or edXI T 359 <u>a4ede</u> , you don help se 140.1 | o activate 6d74773 't need to ction of th 128.97 | your acco 3 <u>3e408a7</u> ; do anythin e edX wel 7. <u>46</u> | unt, please <u>a64a7111</u> ig, you wor b site.)version of | copy . 'virus : | and p ive ar signat | ny me | this tore e datab | addr email pase) | ess ii fron 9735 | nto 5 n us. 9 (20 | your Ple: | web ase c 0429 | bro lo nc) | wser t rep | 's ad | dress this (| i bar. e-mai | il; if y | ou. | |

點選回覆網址,http://localhost/activate/8859a4ede6d7477383e408a7a64a7111 請將回覆網址中的"localhost"改成 thux.thu.edu.tw 或 140.128.97.46,完成註冊程 序。

(目前 edX 版本不需更改回覆網址。)



4、 完成註冊,點選【dashboard】。

| edX | FIND COURSES | | |
|-----|--------------|--|--|
| | | Antipation Consultant | |
| | | Activation Complete! | |
| | | Thanks for activating your account. Visit your dashboard to be your courses. | |

5、 再次進入 edX 系統,連上網頁 <u>http://140.128.97.46/courses</u> 進入 edX,點選【Log in】 登入系統。

| PLEASE LOG IN to access y | ER NOW | Circuit I |
|--|---|---|
| E-mail * example: username@ This is the e-mail address yo Password * | edomain.com pu used to register with edx 你自訂的密碼 | 101@thu.edu.tw Sign up for edX today! NEED HELP? Looking for help in logging in or with your edX account? View our help section for answers to commonly asked questions. |
| Forgot password? | 忘記密碼就按這裡! Ay edX Account + Access My Courses | |

6、 進入系統後,可以變更 Full Name、Email 和密碼。

| | mengwen | |
|------|--------------------|--------------|
| | ② Full Name (edit) | 變更 Full Name |
| | Email (edit) | |
| 重設密碼 | Reset Password | 變更 Email |
| | | |

點選重設密碼(Reset Password)後,回到註冊的 Email(學校 T-MAIL)收信。

| 🚔 Password reset on thux thu edu tw - Unicode (UTF-8) | |
|---|----|
| 描案ED编辑ED 檢視CV 工具CD 郵件CM 説明CH | 27 |
| Set Set Set Set 回覆 全部回覆 轉容 列印 剛除 上一個 下一個 | |
| 寄件者 : registration@edx.org 日期: 2014年5月28日上午 08:40 | |
| 收件者: @enaution@thu.edu.tw 主旨: Password reset on thux.thu.edu.tw | |
| | ~ |
| You're receiving this e-mail because you requested a password reset for your user account at edx.org. | |
| Please go to the following page and choose a new password: | |
| https://thux.thu.edu.tw/password_reset_confirm/3-3ry-83dafbc2f41cfda8eff7/ | |
| | |
| If you didn't request this change, you can disregard this we have not yet reset your password. | |
| Thanks for using our site! | |
| The edX Team 點選網址,重設密碼。 | |
| | |
| Information from ESET NOD32 Antivirus, version of virus signature database 9857 (20140527) | |
| The message was checked by ESET NOD32 Antivirus. | |
| http://www.eset.com | |
| | |
| | |

7、 進入系統後,點選【FIND COURSES】,選擇課程。

【關於 edX】



選擇 0526 電子學實驗課前練習



8、 點選【REGISTER FOR 0530】, 註冊課程。



如果是已經註冊的課程,會顯示

[YOU ARE REGISTERED FOR THIS COURSE 0526]

點選【VIEW COURSEWARE】



9、註冊完成後,點選【Courseware】,開始作答。

| ← → C □ thux.thu.edu.tw/courses/THUx/0528/2014_Tl/info ::應用程式 『 軟型來列 Pacebook … 】 Yaboot奇座 □ new □ THU □ 入口網站 □ etx □ 従旧匯入 □ K Kejb FLV Retriever 竺 | Q ☆ 新聞小叔手 |
|---|---|
| CTL THUX: 0526 電子學實驗講前練習 | ☆ mengwen → |
| Courseware tourse Info Discussion Wiki Progress Instructor | Staff view |
| Course Updates & News | Course Handouts |
| About Jobs Press FAQ Contact EdX is a non-profit created by founding partners Harvard and MIT whose mission is to bring the best of higher education to students of all ages anywhere in the world, wherever there is | © 2013 edX, some rights reserved. Terms of Service and Honor Code - Privacy Policy |

10、 i)選擇題:點選你認為正確的選項,接著按【Check】送出你的答案
⇒按【Check】送出你的答案(答對立即得分。)
⇒按【Save】儲存答案(提醒:答案尚未送出,此時不計分。)

| - 1-))基礎練習 | | | | | | | | |
|-------------------------------|--|---|--|---------------|---------------------|---|----|---|
| 1-電子元件符號 | • | ۵ | i | iII. | <u></u> | i | II | • |
| 2-電阻色碼Resistor | | | | | | | | |
| 3:麵包版Solderless Breadboard | RESIST | FOR-04 (5 p | oints possible) | | | | | |
| 4三用電表Multimeter | | | and the second | | | | | |
| 5.示波器Oscilloscope | | | | | | | | |
| 6-電源供應器DC powersupply | | | | | | | | |
| 7-工具與元件 | and the second sec | | ThuPhys | | | | | |
| → 2-))二極體 (PN) | 已知一篇 | 阻其色碼爲【相 | 橋白黃】,問電阻伯 | 道大小爲何? | | | | |
| ▶ 3-))RC電路 | | 39kΩ 578kΩ | | | | | | |
| → 4-))電晶體 | | 570kΩ 57Ω | | | | | | |
| + 5-1)運算放大器 (OP) | | 390kΩ | | | | | | |
| ▶ 6-))基本邏輯間 | Check | Save | Show Answer(s) | You have used | l 0 of 2 submission | 5 | | |
| + 7-1)交流阻抗分析 | Staff De Submis | bug Info | | | | | | |
| | Dubrins | storratory | | | | | | |

You have used <u>0</u> of <u>2</u> submissions. 意思是你有 <u>2</u>次答題機會,你已經用了 <u>0</u>次了。

| ▶ 1-i)基礎練習 | |
|----------------------------------|--|
| ▶ 2-))二極體 (PN) | |
| ▶ 3-))RC電路 | 06 (5.0/5.0 points) |
| - 4-))電晶體 | 已知某一電晶體的 $eta=50$,當 $I_C=25mA$ 時,問 $I_B=?$ (mA) |
| 1-電晶體 | 0.5 |
| 2-FET場效電晶體 3-CE放大器 4-串级放大器 | 0.5 |
| ▶ 5-1)運算放大器 (OP) | Final Check Save Show Answer(s) You have used 1 of 2 submissions |
| ▶ 6-))基本邏輯聞 | Your answers have been saved but not graded. Hit 'Check' to grade them. |
| + 7-1)交流阻抗分析 | Staff Debug in fe Submission history |
| | • • |

【Save】用於儲存答案,防止瀏覽器關閉後重開答案不見,按【Save】會顯示"Your answers have been saved but not graded. Hit 'Check' to grade them."

● 提醒你記得按<u>"Check"</u>送出答案,才能計分喔!

"Final Check"指的是最後一次答題機會,務必審慎回答。

ii) 問答題:填入數字,然後按【Check】送出答案。

| ▶ 1-))基礎練習 | | | | | |
|------------------------|--|----------------------------|---------------------------------|---------|--|
| ▶ 2-)) <u>二極體</u> (PN) | | III. | | 1 | |
| ▶ 3-I)RC電路 | OPA-01 (5 points possible) | | | | |
| → 4-1)電晶體 | | | | | |
| - 5-))運算放大器 (OP) | | | | | |
| 1-運算放大器 | P++ @ | 1 | | | |
| 2-加法器、减法器 | $R_{I} \stackrel{*}{\underset{V_{I}}{\overset{*}{\underset{V_{I}}{\underset{V_{I}}{\overset{*}{\underset{V_{I}}{\underset{V_{I}}{\overset{*}{\underset{V_{I}}{\underset{V_{I}}{\overset{*}{\underset{V_{I}}{\underset{V_{I}}{\overset{*}{\underset{V_{I}}{\underset{V_{I}}{\overset{*}{\underset{V_{I}}{\underset{V}{\underset{V}{\underset{V}{\underset{V}}{\underset{V}{\underset{V}{I}}{\underset{V}{V$ | | | | |
| ▶ 6-))基本邏輯開 | $\stackrel{\downarrow}{=} \stackrel{\prime}{} \stackrel{\prime}{} \stackrel{\prime}{=} -3V$, $V_2 = 5V$, $J_2 = 5V$ | $R_f = 1k\Omega$, $R = 1$ | $\mathbf{l}k\Omega$,問輸出電壓為多少伏物 | ₩ (V) ? | |
| 》7-1)交流阻抗分析 | | | | | |
| | | | | | |
| | | | | | |
| | Check Save Show Answ | rer(s) You have used | l 0 of 2 submissions | | |
| | Staff Debug Info | | | | |
| | Submission instory | | | | |

iii)算式:
【常用語法】加(+)減(-)乘(*)除(/) 平方符號(^) 下標(_) 三角函數:sin(徑度) 開根號:sqrt(根號內數值) 科學記號:1.6×10⁻¹⁹,可以輸入1.6*10^-19或是1.6e-19 答案為m₁+m₂,要輸入m1+m2

可以在框內輸入你算出來的數值;或是輸入計算式,下方的灰框會自動顯示你所輸入 的算式。



【提醒】輸入完答案,按下 check 鈕提交答案, 答案錯誤會出現**紅色的"×"**; 答案正確則會顯示**綠色的"∨"**。 若是在提交過正確答案後又輸入錯誤答案、再提交,則該題視為<mark>答錯</mark>。

| 5566 | × | 16.085 |] 🗸 |
|------|----------|--------|-----|
| 5566 | | 16.085 | |

11、 提醒:

1) 註冊時, MAIL 一定要是學校 T-MAIL 信箱

Public Username 一定要寫學號(例如: s1002101),否則預報成績不予計分。 (因為 Public Username 無法變更。請將 Full Name 改為中文全名。)

 104 學年度第一學期

 MAIL:學校 T-MAIL 信箱

 例:S03211001@thu.edu.tw

 Full name:中文全名

 例:王聰明

 沒照規定的,期末這部分成績不算!

 (學期初已公布規則,這學期就照此規則實施!)

要麻煩有註冊【1041 電子學實驗課前練習】的同學,將 Fullname 從新更改。

- 2)在 edX 平台上的答題成績會列入學期成績,請務必用心作答。線上作業有時間 限制,超過時間就無法再作答,請務必把握時間與進度。
- 3)課程不定期更新,請同學隨時上 edX 和 T-mail 確認。

104/09/11 整理更新

I Schrödinger $\frac{1}{\sqrt{2}}$ + $\frac{1}{\sqrt{2}}$