

**CENTER FOR TAIWAN  
ACADEMIC RESEARCH  
ETHICS EDUCATION  
MANUAL**

**Contact Information**

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# I. Sign up for an account

Step01. Please click on "Sign Up" on the Center for Taiwan Academic Research Ethics Education website at <http://ethics.nctu.edu.tw>



## NEWS

[more >](#)

- 2017-09-25 **熱門置頂** 【重要】今日(25)安全憑證及證書更新略影響網站運作
- 2017-09-06 **熱門置頂** 開學季必修4步驟！大學生與研究生必看！
- 2017-09-06 **熱門置頂** 臺灣學術倫理教育資源中心徵文比賽正式起跑！
- 2017-04-11 **熱門置頂** 科技部研究人員、大學教師或機構單位教育課程訓練
- 2017-09-21 **最新消息** 第三屆亞太地區研究誠信網絡會議
- 2017-08-15 **最新消息** 106學年度入學之必修研究生注意事項

A login form with a blue header containing the word "Login". Below the header, there is a dropdown menu labeled "Category". Underneath are two input fields: "account" and "password". Below these is a checkbox labeled "I'm not a robot" next to a reCAPTCHA logo and the text "reCAPTCHA Privacy - Terms". At the bottom of the form is a blue "submit" button. Below the form, there are links: "category | sign up | forgot password?".

## Step02. Select "Next"

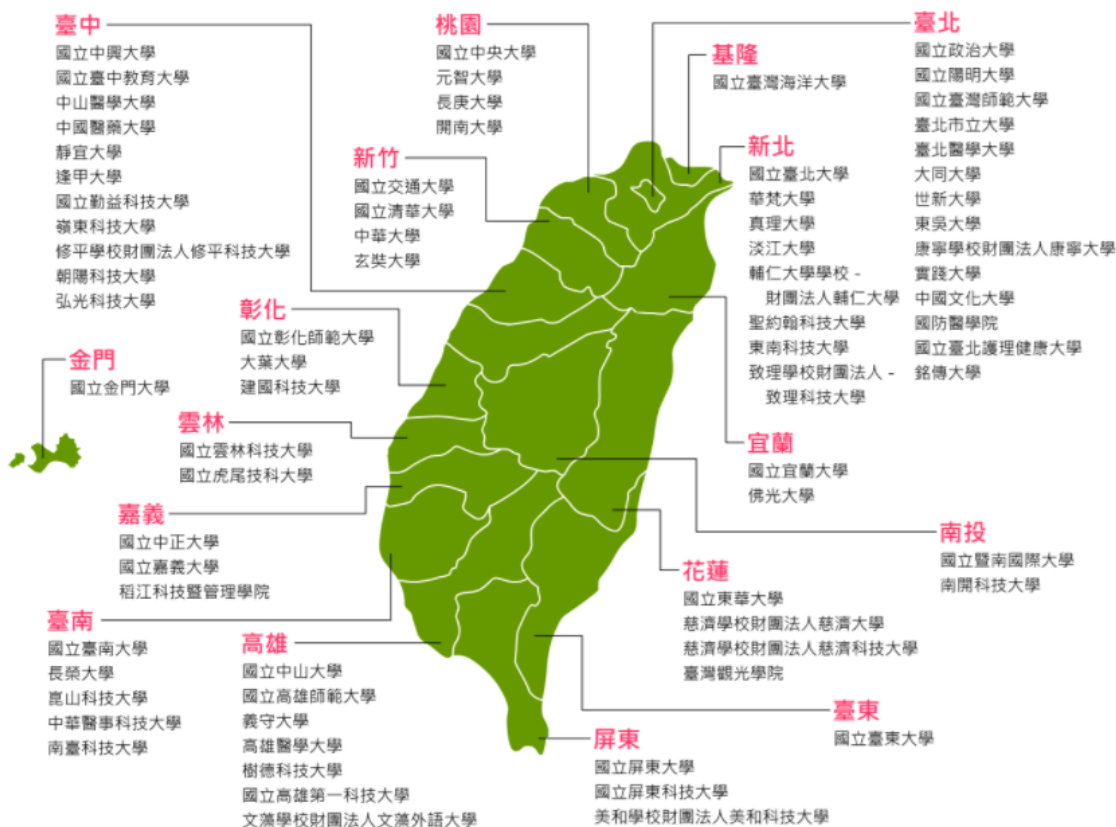


### Sign Up

- 1.Verify Status > 2.Fill in the Information > 3.Complete the Registration

#### 【注意事項】

- 1.若您為下圖學校研究所學生，請先向學校確認帳號，請勿直接註冊以免影響權益。如因擔任科技部研究助理而需先行修課者，請自行於學校教務處或研發處確認帳號。
- 2.若您為其他身分使用者，非常歡迎點選下方「我要註冊」申請帳號。



No

## Step03. Fill in the information and click on “submit”

Sign Up | 繁體中文 | FeedBack



臺灣學術倫理教育資源中心  
Center for Taiwan Academic Research Ethics Education

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## Sign Up

1. Verify Status > 2. Fill in the Information > 3. Complete the Registration

\* Denotes mandatory fields

For your benefits, please provide accurate information. All information provided will act only as a system reference, and will not affect your learning progress.

### Basic Information

\*Name:  Please provide your actual name

Other names:  May provide a foreign name to facilitate the production of the Certificate of Completion

\*Status:

\*E-mail:  Will serve as your user account

\*Password:  At least 8 alphanumeric characters

\*Verify your password:  Please re-enter your password

### Coures Information

\*Gender:

\*Unit of Employment

\*Version:  Mandarin/English after logging in

\*Field of Expertise:  [Click here for options](#)

\*  Yes  No  
Does your research involve human subjects?:

\*  Yes  No  
Does your research involve animal subjects?:

\*  Yes  No

Step04. After completing the registration, please click on “Start” to enter the courses

(個人資料, 登出) | 意見回饋



臺灣學術倫理教育資源中心  
Center for Taiwan Academic Research Ethics Education

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Sign Up

1. Verify Status



2. Fill in Information



3. Complete the Registration

恭喜您已完成帳號申請，成為「臺灣學術倫理教育資源中心」會員！

現在起，您能享有以下本資源中心服務：



Courses



Examination



Resources

Start

#### 計畫相關

最新消息  
中心簡介  
課程試閱

#### 學習資源

相關網站  
相關書籍  
案例探討  
世界主要大學研究倫理資訊  
教學資源  
課程發展計畫資料下載

#### 新手上路

必修學生  
必修教師及研究相關人員  
Mandatory Students  
註冊者  
必修學校管理者

#### 其他

常見問題  
加入我們  
聯絡我們  
意見回饋  
隱私權與資安政策  
個人資料告知事項暨同意書



教育部校園學術倫理教育與機制發展計畫

網站維護：國立交通大學人文與社會科學研究中心

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## II. Courses

Step01. Select “Courses/ Course List” and click on “Add All units

(Account, LOGOUT) | FeedBack



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### Courses




**Courses List** My Courses

Please add units of your interest from the “Course List” . All units added will be displayed in “My Courses” .

#### Category

Core

**+Add all units**

Unit Name	Add selected units
 0101_Introduction to Research Ethics: Definition and Content 核心單元 1603 Views	Intro <b>Add</b>
 0102_Professional Norms and Personal Responsibility in Research Ethics 核心單元 1502 Views	Intro <b>Add</b>
 0103_Government Regulations and Policies in Research Ethics 核心單元	Intro <b>Add</b>

## Step02. Click on “Confirm”



ethics.nctu.edu.tw 顯示 : × (個人資料, 登出) | 意見回饋

新增成功

Confirm

新手上路

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## 課程專區

課程總覽

我的課表

- 1.請從「課程總覽」中加選您想閱讀的單元，您所選擇的單元會顯示在「我的課表」。
- 2.若您身為教師及研究相關人員，建議可先從15個核心單元與5個教師單元開始選修。

### 智慧選課

推薦課程

### 主題課程

研究所核心課程

教研人員推薦課程

IRB/REC相關課程

### 單元分類

核心單元

生物醫學

法律

心理學

教育與社會科學

人類學

電機資訊

實驗動物

## 推薦課程

+加選全部課程

單元名稱

加選單元



0101\_研究倫理定義與內涵

核心單元  
共41932人閱讀

簡介

加選



0102\_研究倫理專業規範與個人責任

核心單元  
共38611人閱讀

簡介

加選

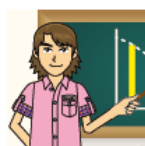


0103\_研究倫理的政府規範與政策

核心單元  
共37333人閱讀

簡介

加選



0104\_不當研究行為：定義與類型

核心單元  
共37733人閱讀

簡介

加選



Step03. Select “Courses/ My Courses” to list the registered courses. Select the unit name to view the teaching material; this will also show the date the course was taken.

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## Courses

Courses List **My Courses**

You have taken 16 units in the present session, 5 hours 20 minutes of courses, completed 1 units, 15 units incomplete. Please use the PC to study. Units taken in My Courses cannot be withdrawn. Upon completion of all the units, you may proceed to the final exam. Questions relevant to the listed units will be given.

Unit Name	Date
0101_Introduction to Research Ethics: Definition and Content	Delete
0101_Introduction to Research Ethics: Definition and Content	Delete
0102_Professional Norms and Personal Responsibility in Research Ethics	Delete
0103_Government Regulations and Policies in Research Ethics	Delete
0104_Research Misconduct: Definition and Types	Delete
0105_Research Misconduct: Fabrication and Falsification	Delete
0106_Research Misconduct: Plagiarism	Delete
0107_Research Misconduct: Self-Plagiarism	Delete
0108_Academic Writing Skill: Quoting	Delete
0109_Academic Writing Skill: Paraphrasing and Summarizing	Delete
0112_Basic Concepts of Copyright	Delete
0110_Academic Writing Skill: Referencing	Delete
0113_Basic Concepts of the Personal Information Protection Act	Delete
0114_Basic Concepts of Privacy	Delete
0111_Academic Writing Skill: Definition and Principles of Authorship	Delete
0115_Principles and Practice of Human Subject Protection	Delete

Exam

Step04. Click on course title for online instruction; roll call function shows you attended the class.

The “after-class exam” comprises practice questions that do not count for a grade.

(Account, LOGOUT) | FeedBack



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### Introduction to Research Ethics: Definition and Content

- Unit introduction
- 1. Basic concepts of research ethics
  - 1.1 Definition of research ethics
  - 1.2 Responsible conduct of research
- 2. Sources of research ethics and norms
  - Exercise: matching research norms
  - 2.1 Professional norms
  - 2.2 Government regulations
  - 2.3 Institutional policies
  - 2.4 Personal responsibility
- 3. Cases of research ethics violation
  - (1) A master's thesis plagiarized and a degree revoked
  - (2) Plagiarism hit a new high
  - (3) Faking research pictures
  - (4) Copyright infringement
  - (5) The advisor's responsibility for supervision
- 4. Conclusion
- Quiz
- References

## Introduction to Research Ethics: Definition and Content

### Unit introduction

"Research ethics," the first lesson of research work, aims at cultivating a researcher's responsible conduct and attitude. Academia sets complicated ethical standards on research conduct, and the ethical codes may vary within each field. Still, there are some basic, core ethical norms that are widely accepted by academia, by which the practical principles of operation are established, i.e., research ethics. If a researcher is not clear about research ethics, he/she may, intentionally or unintentionally, violate some of the existing codes and further discredit his/her personal reputation, impair the accuracy and validity of the research, hinder the development of the research field, and even destroy society's trust in the researcher, the research institute, and the research achievement. Therefore, a researcher cannot ignore the importance of research ethics.

To avoid inadvertent violation of research ethics, a researcher should pay special attention to the core norms of research ethics. Thus, to facilitate an understanding of its tenets, this unit will first illustrate the meaning of research ethics. Second, it will introduce the basic principle of the "responsible conduct of research" and the sources of research ethics. Last, it will provide some real cases of research ethics violations, so the researcher can reflect on the legitimacy and legality of research conduct and recognize the importance of research ethics.

Step05. Select “Courses/ My Courses” to view whether all the courses are completed. Once completed, you may go to “Exam”

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## Courses

Courses List

My Courses

You have taken 16 units in the present session, 5 hours 20 minutes of courses, completed 1 units, 15 units incomplete. Please use the PC to study. Units taken in My Courses cannot be withdrawn. Upon completion of all the units, you may proceed to the final exam. Questions relevant to the listed units will be given.

Unit Name	Date
0101_Introduction to Research Ethics: Definition and Content	2017/08/01
0101_Introduction to Research Ethics: Definition and Content	2017/08/01
0102_Professional Norms and Personal Responsibility in Research Ethics	2017/08/01
0103_Government Regulations and Policies in Research Ethics	2017/08/01
0104_Research Misconduct: Definition and Types	2017/08/01
0105_Research Misconduct: Fabrication and Falsification	2017/08/01
0106_Research Misconduct: Plagiarism	2017/08/01
0107_Research Misconduct: Self-Plagiarism	2017/08/01
0108_Academic Writing Skill: Quoting	2017/08/01
0109_Academic Writing Skill: Paraphrasing and Summarizing	2017/08/01
0112_Basic Concepts of Copyright	2017/08/01
0110_Academic Writing Skill: Referencing	2017/08/01
0113_Basic Concepts of the Personal Information Protection Act	2017/08/01
0114_Basic Concepts of Privacy	2017/08/01
0111_Academic Writing Skill: Definition and Principles of Authorship	2017/08/01
0115_Principles and Practice of Human Subject Protection	2017/08/01

Exam

Step06. Prior taking the examination, please carefully read the regulations and confirm your user name as it will affect your course study certificate. Please be aware that you are allowed 5 'non-passed' results per day. When the 5 times are used up, you need to wait until the next day to retake the examination. Upon confirming your information, you can click on "Yes".

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## Exam

The exam has 32 multiple choice questions. You need answer 28 correctly to pass the course (A score of over 85%).

### 【Exam instructions】

1. Five attempts for the final exam are allowed each day. The tally will reset if there's a change in My Courses or at 12 A.M. each day.
2. Leaving the webpage or idling for over 2 hours during an exam renders it invalid. Should that happen, you are required to retake the exam.
3. The Certificate of Completion is available P.M. the day after passing the final exam.

### 【Please peruse the following prior to the exam.】

1. I have studied all the materials in My Courses of the Research Ethics Education Online Program.
2. I have completed all the review questions of each unit.
3. I am aware that only 5 attempts are allowed each day, and that the Certificate of Completion can only be downloaded at 12 P.M. the following day.
4. I am certain that the name as displayed below is correct and valid.

User Name :

If your user name is wrong, please contact manager.

Do you wish to begin the exam?

NO

YES



Program of Research Ethics Education  
Research Center for Humanities and Social Sciences, National Chiao Tung University

## Step07. The examination is randomly conducted by multiple choice items.

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### Exam

- Which of the following descriptions about privacy and the rights of privacy is incorrect?
  - (1) Violation of privacy does not necessarily imply infringement upon the right to privacy.
  - (2) The scope of the right to privacy is wider than privacy.
  - (3) Anything that you wish to remain unknown is considered personal private information.
  - (4) Privacy varies according to the feelings and thoughts of individuals.
- Which of the following is a case of information fabrication?
  - (1) Professor Dunkirk duplicating a postgraduate student's research content without citing references.
  - (2) Professor Dunkirk being involved in unusual relationships with one of his female students.
  - (3) Professor Dunkirk using a fake academic CV to apply for a research grant from the Ministry of Science and Technology.
  - (4) Professor Dunkirk modifying original research data for his postgraduate student.
- In the course of a research study, what is the most important core value?
  - (1) Frugality
  - (2) Punctuality
  - (3) Honesty
  - (4) Passion
- Which of the following behaviors does NOT violate research ethics?
  - (1) Using words and sentences agreed by the authors and citing them properly in the paper.
  - (2) Reorganizing others' tables from their paper and using them in your own without proper citations.
  - (3) Discussing the content of the subjects' questionnaire with an irrelevant third party.
  - (4) To make the research result support the hypothesis, the researcher deliberately does not deal with the subjects' detailed answers.
- Professional research ethics guidelines can help researchers practice which of the following research principles: (a) Being honest, (b) Being subjective, (c) Being correct, (d) Being efficient, (e) Being objective, (f) Protecting the subject?
  - (1) (a) (c) (d) (e) (f)
  - (2) (a) (b) (c) (d) (e)
  - (3) (a) (b) (c) (d) (f)
  - (4) (a) (b) (c) (e) (f)
- Dolly is preparing to conduct an animal experiment. Which of the following ethical rules of research behavior should she adhere to?
  - (1) Replacement, Reduction, Refinement, and Responsibility

Step08. After completing the examination, the system will show the examination result and the questions answered wrong.

【 Please Note 】

1. The correct rate, wrong answer statistics, and the questions answered wrong will show immediately after completing the examination.
2. A correct rate of 85 or above is a passing score.
3. Each day, 5 non-passing results are allowed. When the 5 times are used up, you need to wait until the next day to retake the examination. The system will recalculate each day.

(個人資料, 登出) | 意見回饋



臺灣學術倫理教育資源中心  
Center for Taiwan Academic Research Ethics Education

首頁 / 課程專區

### 總測驗

**Correct Rate**  
90.0%

測驗結果: 40題中共答對36題, 答對率90.0%

恭喜您通過總測驗, 您可以至「[學習歷程](#)」申請修課證明。  
也誠摯邀請您給予我們評價, 讓我們更加茁壯!

[歡迎填寫滿意度調查問卷](#) [查看學習歷程](#)

### 答錯單元統計



### 答錯題目

1. 下列何者「非」可能產生自我抄襲之情境?  
(1) 研究資料擴充重新發表  
(2) 研究論文之文字重複使用  
(3) 美化研究結果與研究圖表  
(4) 研究資料切割 / 分散發表
2. 公務機關對個人資料之蒐集或處理, 應有特定目的, 並符合下列何者情形?  
(1) 執行法定職務必要範圍內  
(2) 經當事人書面同意  
(3) 對當事人權益無損害  
(4) 以上皆是
3. 下列何者不是《貝爾蒙特報告書》所提到之研究過程中必須遵循的基本原則?  
(1) 尊重人格  
(2) 守法  
(3) 行善  
(4) 正義
4. T 醫學研究機構因旗下研究團隊的研究成果, 而獲得了某項製藥技術的美國專利。國內某家知名藥廠遂以高價向 T 機構取得專利權, 並約定共同分配獲利。然而, 近日進入 T 機構任職的張博士在檢視這項專利時, 發現此製藥技術在研發過程的實驗設計存有瑕疵, 進而可能影響藥品的生產及品質。因此, 他決定重新進行實驗, 並反覆驗證各階段的實驗成果。隔年, 張博士開始依據自身的研究結果, 在許多大型研討會中發表關於修正該製藥技術的論文。然而就在此時, 他開始收到來自 T 大學和藥廠的施壓, 希望他能暫緩相關的實驗並停止研究發表。請問此情境中, T 醫學研究機構可能已涉及哪方面的利益衝突?  
(1) 個人的利益衝突  
(2) 財務的利益衝突  
(3) 機構的利益衝突  
(4) 以上皆是

# III. Download the proof and certificate of course completion

Step01. Click on "PORTFOLIO" to know when the certificate will be ready.

[\(Account, LOGOUT\)](#) | [FeedBack](#)



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## Portfolio

20 X 20 = 6 hrs 40 mins  
Completed Units Completed Units 累積修課時數

### Exam Records

The most recent time of exam: 2017/08/01 10:55:14  
The most recent score: 90.0  
The most recent results: [view](#)

誠摯邀請您給予我們評價，讓我們更加茁壯！

[填寫滿意度問卷](#)

### Certificate

您已於2017/08/01 10:55:14通過本次測驗!  
請在2017/08/02中午12點後，於右方下載修課證明。  
The Certificate of Completion includes both  
Mandarin and English, and displays all the  
completed units.



### Learning Status



## Step02. Click on "Download"

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## Portfolio

20 Completed Units   X   20 Completed Units   =   6<sup>hrs</sup> 40<sup>mins</sup> 累積修課時數

### Exam Records

The most recent time of exam: 2017/08/01 10:55:14  
The most recent score: 90.0  
The most recent results: [view](#)

誠摯邀請您給予我們評價，讓我們更加茁壯！

[填寫滿意度問卷](#)

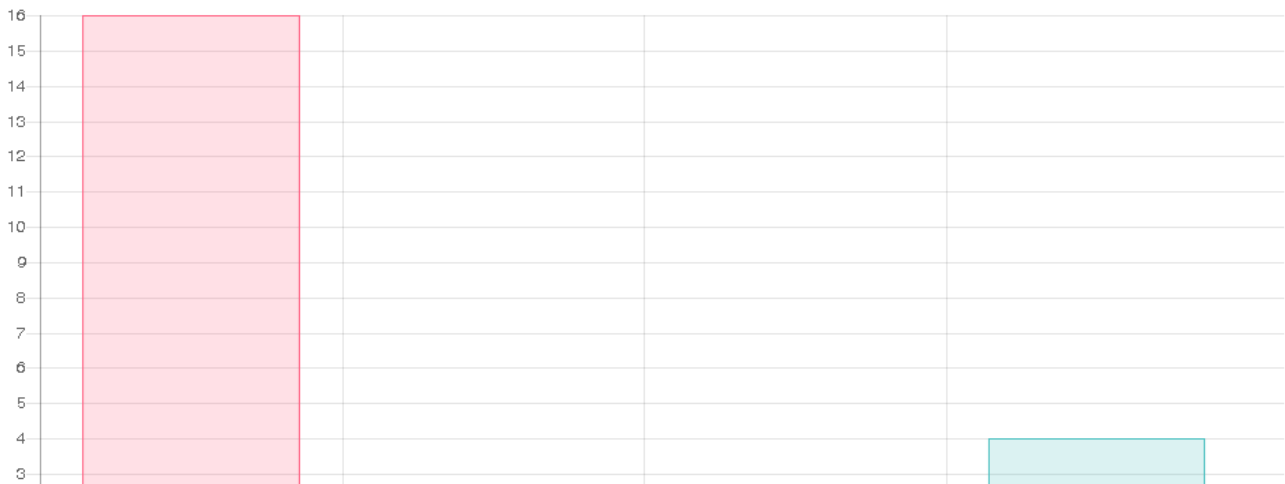
### Certificate

您已於2017/08/01 10:55:14通過本次測驗!  
請在2017/08/02中午12點後，於右方下載修課證明。  
The Certificate of Completion includes both  
Mandarin and English, and displays all the  
completed units.



### Learning Status

已修習並通過測驗單元數





Step03. The certificate of completion is in PDF format, with both Chinese and English versions.

臺灣學術倫理教育資源中心  
修課證明

Center for Taiwan Academic Research Ethics Education  
Certificate of Completion

證書第 號

Certification No.

先生/小姐

This is to certify that Mr./Ms.

茲證明 已修畢臺灣學術倫理教育資源中心之「學術研究倫理教育課程」，並通過課程總測驗，修課時數累計共 6 小時 40 分鐘。

has participated in "Academic Research Ethics Education Courses", completed a total of 6 hours 40 minutes of courses, and successfully passed the corresponding examination.

修業課程單元 (測驗通過日期):

Course(s) Completed(Examination Passing Date):

0101_研究倫理定義與內涵	106/8/1
0102_研究倫理專業規範與個人責任	106/8/1
0103_研究倫理的政府規範與政策	106/8/1
0104_不當研究行為：定義與類型	106/8/1
0105_不當研究行為：捏造與篡改資料	106/8/1
0106_不當研究行為：抄襲與剽竊	106/8/1
0108_學術寫作技巧：引述	106/8/1
0109_學術寫作技巧：改寫與摘要	106/8/1
0107_不當研究行為：自我抄襲	106/8/1
0111_學術寫作技巧：作者定義與署名原則	106/8/1
0112_著作權基本概念	106/8/1
0113_個人資料保護法基本概念	106/8/1
0114_隱私權基本概念	106/8/1
0115_受試者保護原則與實務	106/8/1
0201_研究中的利益衝突	106/8/1
0110_學術寫作技巧：引用著作	106/8/1
0202_科技部對學術倫理的相關規範	106/8/1
0203_適當的使用研究經費	106/8/1
0204_利益衝突：案例探討	106/8/1
0205_研究資料處理：案例探討	106/8/1

0101_Introduction to Research Ethics: Definition and Content	8/1/2017
0102_Professional Norms and Personal Responsibility in Research Ethics	8/1/2017
0103_Government Regulations and Policies in Research Ethics	8/1/2017
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