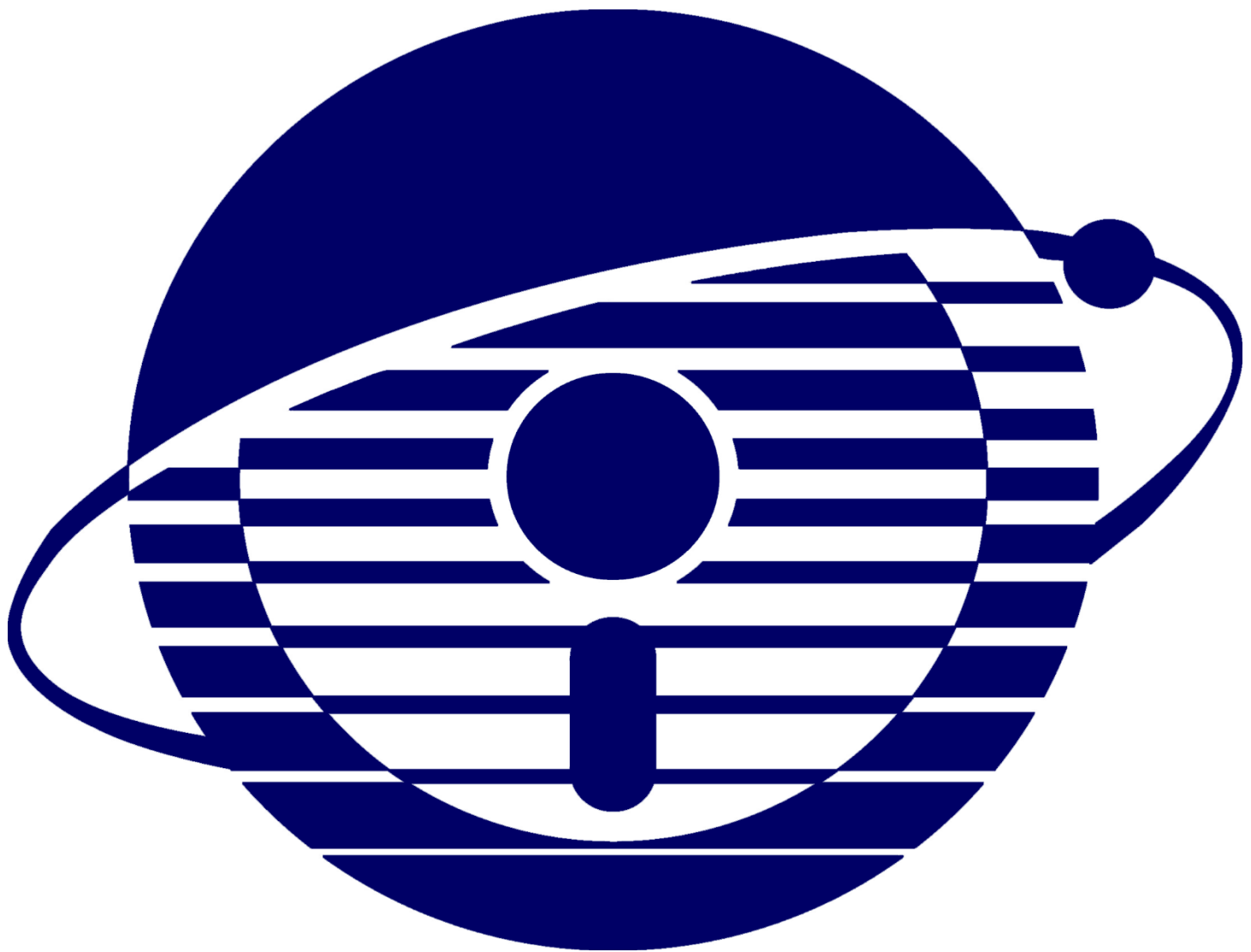


National Cheng Kung University
Computer Science &
Information Engineering
2024 Student Handbook



National Cheng Kung University
Department of Computer Science and
Information Engineering
Student Handbook

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1. Purpose

Our department focus on (1) Advancing lecture quality and passing the self-evaluation in our development. (2) Improving faculty and raise the depth and width of student's professional field. (3) Enhance teaching and research equipment to satisfy the needs of teachers and students. (4) Upgrading Department Halls to provide fine study environment.

Goals

1. Teach students basic professional knowledge and life-long learning abilities.
2. Teach students to use professional knowledge to solve information application problems.
3. Teach student to cooperate as a team.

Core competence

- 1.1 Graduates should have basic professional mathematic and information theory knowledge.
- 1.2 Graduates should be able to derive theories and analysis and summarize experiment data.
- 1.3 Graduates should have the skill of life-learning.
- 2.1 Graduates should be equipped with the skill to excavate, analysis and solve information application problems.
- 2.2 Graduates should be able to design, innovate, test, and verify in information engineering.
- 2.3 Graduates should have the skill to integrate systems.
- 3.1 Graduates should be equipped with technological humanistic literacy and information engineering ethics.
- 3.2 Graduates should have good communication skills and international view.
- 3.3 Graduates should have active and highly motivated attitude and teamwork skills.

2. Curriculum Design

With a view to cultivating experts in the information engineering industry, the curriculum is designed with the following principals to take care of both the current needs and the long-term development of the industry in the future.

1. Combining both theory and application classes

In order to meet the needs of the development of the information engineering industry, courses that aim to help students build fundamental theory knowledge are taught in the lower grades. On the other hand, courses concerning the skills and application of information engineering will be taught in the higher grades.

2. Valuing both information technology and application

The balance between both information technology and application is pursued and most valued in the freshman and sophomore year. On the third and fourth year, students will choose from either 7 disciplines with regards to his/her interests and the development of our department. Each discipline has both technology and application featured courses. In addition, featured courses designed by graduate schools are also provided for better discipline development.

3. Hands-on classes

To help students build an ideal future path, proper materials, hardware and software are provided in every course, helping students to learn effectively and to realize theories learned with hands-on classes. Students in the third year can take [project developing classes] to gain experience on researching and finishing a project independently.

The committee of teaching and courses of our department suggested these courses after rearranging courses according to the important topics of current information technology development.

- 1) CSIE Graduate school curriculum design – apply to students enrolling after 2020
<https://www.csie.ncku.edu.tw/en/news/11709>
- 2) CSIE undergraduate required credits design - apply to students enrolling after 2020
<https://www.csie.ncku.edu.tw/zh-hant/education/bachelor>
- 3) NCKU course map -- CSIE
http://class-qry.acad.ncku.edu.tw/crm/course_map/department.php?dept=F7
- 4) The table of courses available (2 years)
<https://www.csie.ncku.edu.tw/en/news/10292>
- 5) The table of professors' research fields
<https://www.csie.ncku.edu.tw/en/news/9992>
- 6) The table of professors & courses in different fields
<https://www.csie.ncku.edu.tw/en/news/9982>
- 7) NCKU course information & enrollment system
<https://course.ncku.edu.tw/>

Note : the course "Attitude brilliance and career of computer science and information engineering" is best suitable for students above freshman year.

3. Credits requirement for graduation and course selection regulation

1、 CSIE Regulations for Course Selection

1.1、 Course selection precaution and Equivalent course

<https://www.csie.ncku.edu.tw/zh-hant/news/10015>

1.2、 Purdue dual degree program regulations

<https://www.csie.ncku.edu.tw/zh-hant/education/bs>

1.3、 Regulations for the Intelligent Systems Implementation Group and Special Admissions Program - Applicable to Students Enrolled from the 113th Academic Year

<https://www.csie.ncku.edu.tw/zh-hant/education/isi>

1.4、 Special Reason Course Election Sheet (Course Select and drop sheet)

This sheet is only if the class is full, change in courses, or if it effects graduation. Part of the class will make course quota adjustments, please use the course selection system.

<https://www.csie.ncku.edu.tw/en/news/12085>

1.5、 Confirmation for switching classes

<https://www.csie.ncku.edu.tw/en/news/9978>

2、 General Courses (CSIE has the same regulation as NCKU's)

2.1、 <NCKU> General Courses regulation

<https://cge.ncku.edu.tw/>

2.2、 <NCKU> General Courses credit regulation

<https://cge.ncku.edu.tw/p/412-1007-22874.php?Lang=zh-tw>

3、 Information Project Required Course

3.1、 Recent year Project material reference

<https://www.csie.ncku.edu.tw/en/education/bachelor>

3.2、 Consent for project advising

<https://www.csie.ncku.edu.tw/en/news/9970>

3.3、 Information project release professor consent

<https://www.csie.ncku.edu.tw/en/news/10665>

4、 Graduation Threshold for English

CEFR B2 level corresponding English skill test score

4.1、 NCKU Bachelor student's foreign language skill regulations

<https://flc.ncku.edu.tw/p/412-1144-22796.php?Lang=zh-tw>

5、 Service Learning Course 3

Methods of Taking "Service Learning III" in Our Department (Choose One)

- 1) All the community service courses offered by various departments or units throughout the school in the course selection system can be recognized. Students can directly enroll in these courses without needing departmental approval.
- 2) Exemption through 18 hours of volunteer service: Prior approval from the department chair is required (please submit directly to Ms. Chao at the department office).

Download 【Service Learning Credit Exemption Application Form】

<https://cid-acad.ncku.edu.tw/p/412-1042-22134.php?Lang=en>

- Please provide the following documents according to the specified format and requirements: (1) Service proof, (2) Reflective essay, and (3) Two photos from your volunteer service.
 - Recognized service units: government agencies, registered charity, medical and other institutions.
- 3) Take and pass general education courses or professional courses with service learning connotation, and the actual service hours for at least 8 hours.
Fill in 【Exempt Service Learning Course by Taking General Course or Professional Course with Service Learning Content Application Form】 , then get the approval of department chair and complete the prescribed application procedures.

Note : For general matters (such as applying for a leave of absence, routine paperwork, etc.), you may inquire at the department office first.

4. Graduation & Bachelor/Master Continuing Program

- 1、 Information of leaving after graduation from NCKU CSIE
<https://www.csie.ncku.edu.tw/en/news/9958>
- 2、 Check list for graduation of undergraduates
<https://www.csie.ncku.edu.tw/en/news/10646>
- 3、 Application system for graduation from NCKU
<http://140.116.165.83/~lou/leave/>
- 4、 Bachelor/Master continuing program information and application form
<https://www.csie.ncku.edu.tw/en/news/10557>

5. Scholarships

1、 Scholarships related announcement

<https://www.csie.ncku.edu.tw/en/news/scholarship>

2、 NCKUEE alumni association scholarship regulation

<https://www.csie.ncku.edu.tw/en/news/11951>

3、 Prof. HONG, JHAO-KUEI scholarship regulation

<https://www.csie.ncku.edu.tw/en/news/11952>

6. Department building and regulations

1. Entrance access control

- Access control must be applied before use. Contact the 65207 room on the 2nd floor of the CSIE new department building.
- Please don't lend your student ID card or access card to others.
- Please always swipe your card before entering, and don't let anyone following enter.

2. The elevators

- If the button of the floor that's close enough to the floor you are going is pressed, please exit the elevator on that floor and take the stairs to help others get the elevator faster and to save energy.
- Please leave the handicap button to those in need.
- In case of elevator malfunctioning, please press the "Emergency call" button or grab the phone to notify the staff, stay calm and wait for the help to arrive.
-

3. Department study center – room 65204

- Reserved for students to study.
- Please follow the study center pledge, as the following.



資工系K館

空間使用公約：

1. K館24小時開放，夜間請小心自身安全。
2. 請勿大聲聊天、喧譁、使用行動電話..等影響他人。
3. 請愛惜公物，並保持桌面及環境整潔。
4. 離開時，請將座椅歸回原位，並記得將隨身物品帶走。
5. 節約能源，請隨手關燈、冷氣。
6. 請勿堆積個人雜物於公用鐵櫃，經警告未改善者，將協助清除。
7. 請勿將K館內公共財物:雜誌、書籍..等帶走
8. 請勿搬動桌椅。
9. 請大家珍惜資源並共同維護K館使用之品質，以上規範請務必遵守以免妨礙其他使用者之使用權利。

請大家配合，謝謝

4. Department's garbage dump

1. Location : Under the stairs of the old department building's hall
2. Garbage dump opening hours: Monday to Friday (7:30-16:00)
3. Considerations for Trash sorting is required.
 - Please do the garbage classification according to all kinds of recyclable bins, non-recyclable bins (general garbage) and kitchen waste bins.
 - During the closed period of the dump, it is strictly forbidden to discard garbage at the garbage dump.
 - For leftovers, please drain it before throwing it away.
 - Please dispose of kitchen waste on the same day to avoid mosquitoes and odors
 - Before throwing away the food waste, take out the plastic bag and sort it out
 - Please sort the recyclable waste first and then wrap it properly. Please unpack the carton before throwing it away.
 - Use non-dripping plastic bags when disposing of rubbish to avoid contamination of walkways and elevators
 - Glass and metal fragments should be properly wrapped with multiple layers of newspaper.

5. CSIE Wireless Internet:

6.1 、 Name : CSIE-WLAN
Password : wificsie

6.2 、 Name : CSIE-WLAN-Spa
Password : wificsie

6. Laboratory safety/power usage/acceptance/classroom borrowing matters

6-1 Access control and door locks

Since general access control uses electromagnetic locks, they will become ineffective once the power is cut off. Students who finally leave the laboratory should lock the door with the key and close the windows to prevent intentional intruders..

6-2 Energy saving and electricity consumption

- The system is for research use only. Students are not allowed to engage in mining or profit-making activities. Violators will be dealt with according to law.
- There are only a few people in the laboratory, so please consider turning on the lights. It is recommended not to turn them all on.
- If no one is present in the laboratory, please turn off the air conditioner. Do not turn it on for a long time or all night. Please confirm that the power is turned off again

when you leave.

6-3 Classroom borrowing

- Laboratory borrowing is related to space meetings. Please log in with your laboratory account and password, select the meeting time and fill in your personal information in detail. Please fill in the borrowing time accurately. Do not borrow for the whole day or for a long time.
- Special conference rooms must be borrowed. Please go to the department website - Introduction to the Department - Venue Rental, click on the first file, download the venue application form, fill it out and send it to Room 65207 on the 2nd floor.

6-4 Matters related to acceptance

- The Purchase Acceptance Form cannot be signed by the student but must be stamped by a staff member or assistant.
- If there is no relevant personnel in the laboratory to carry out acceptance inspection, please cooperate with the relevant provisions of the acceptance attachment.

7. Appendix

1. NCKU rules :

<http://reg.acad.ncku.edu.tw/var/file/41/1041/img/2539/a1.pdf>

See relevant regulations :

<http://reg.acad.ncku.edu.tw/p/412-1041-7403.php?Lang=zh-tw>

Chapter 1 General Provisions

Chapter 2 Admission

Chapter 3 Payment, Registration, Course Selection

Chapter 4 Absence, Absenteeism

Chapter 5 Transfer School or Department, Minor, Double Major

Chapter 6 Suspension, resumption, withdrawal, expulsion, and appeal

Chapter 7 Exams, Scores, Make-up Exams, repetitions

Chapter 8 Graduation

Chapter 9 Change of Name, Date of Birth

Chapter 10 Graduate Students

Chapter 11 Studying Abroad

Chapter 12 Supplementary Provisions

2. Educational related regulations

see URL: <http://reg.acad.ncku.edu.tw/p/412-1041-7403.php?Lang=zh-tw>

1. NCKU Student Absent regulations

<http://www.cc.ncku.edu.tw/rule/content.php?sn=248>

2. NCKU Points of Rewards and Punishments for Students

<http://www.cc.ncku.edu.tw/rule/content.php?sn=249>

3. NCKU student behavior score regulations

<http://www.cc.ncku.edu.tw/rule/content.php?sn=250>

4. NCKU Scholarship Review regulations

<http://www.cc.ncku.edu.tw/rule/content.php?sn=251>

5. NCKU Ms. Ren Jiang Lusheng Scholarship for low-income student

<http://www.cc.ncku.edu.tw/rule/content.php?sn=252>

6. NCKU Study with peace of mind relief regulations

<http://www.cc.ncku.edu.tw/rule/content.php?sn=253>

7. NCKU Scholarship for low-income student regulations
<http://www.cc.ncku.edu.tw/rule/content.php?sn=254>
8. NCKU Student Appeal and Appraisal Committee Setup and Appeal Handling Methods
<http://www.cc.ncku.edu.tw/rule/content.php?sn=255>
NCKU Student life stipend regulations
<http://www.cc.ncku.edu.tw/rule/content.php?sn=256>
NCKU Student Work-study bursary regulations
<http://www.cc.ncku.edu.tw/rule/content.php?sn=257>

3. Academic affairs related information

Please see the URL: <http://stud.adm.ncku.edu.tw/sam/index.asp#>

1. Outside of school rental information:
<http://dorm2.osa.ncku.edu.tw/>
2. School Loans apply system:
<http://campus4.ncku.edu.tw/wwwmenu/program/stu/>
3. Financial resources and award and subsidy inquiry platform:
http://stud.adm.ncku.edu.tw/finance/query_ano_inteface.asp
4. Rongyuan Dreams Student Aid Site:
<http://stud.adm.ncku.edu.tw/sgo/assistance.htm>
5. Scholarship Inquiry System:
<http://sgd.adm.ncku.edu.tw/scholarship/>
6. Disadvantaged Bursary application:
<http://stud.adm.ncku.edu.tw/dedu/>



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