

THE DEPARTMENT OF AERONAUTICS AND ASTRONAUTICS
INTERNATIONAL DEGREE PROGRAM ON ENERGY ENGINEERING (BS, MS, Ph.D.)
PRE-CALCULUS
AN INTENSIVE COURSE IN THE FALL SEMESTER 2024

Introduction:

A course in pre-calculus is a gateway to other, more advanced courses in mathematics devoted to the study of functions and limits, broadly called mathematical analysis. All the high-school students in Taiwan have the fundamental knowledge of pre-calculus, including exponential & logarithmic problem solving, trigonometric functions, etc. Therefore, pre-calculus is not a required subject of study for the local students in NCKU. This course is particularly designed to help an international student and overseas Chinese student develop the solid foundation in the topics of pre-calculus that one will need to excel in one's undergraduate studies, including calculus, engineering mathematics, etc., in NCKU.

Charge of the course:

FREE of CHARGE

Eligibility:

1. An international degree student, or an overseas Chinese student, in NCKU who has already failed either Calculus (1) or Calculus (2).
2. An international degree student, or an overseas Chinese student, who is accepted as a FRESHMAN in NCKU in the fall semester, 2024.

Credits: 2 credits (counted into the fall semester 2024-2025)

Instructors:

Prof. Keh-Chin CHANG (kcchang@mail.ncku.edu.tw) and Assistant Prof. Yu-Jui LIANG (yliang@gs.ncku.edu.tw)

Topics:

Pre-Calculus (including: Exponential & Logarithmic problem solving, Trigonometric functions, etc.). Please refer to the course outline (<https://drive.google.com/file/d/1dwNxFdIpUAh-G-cCn4KM0-iSFcNgmmr5/view>).

Date:

August 15~September 3, 2024 (Aug. 15~16, Aug. 19~20, Aug. 22~23, Aug. 26~27, Aug. 29~30, Sept. 2~3), 12 days totally: every Monday, Tuesday, Thursday and Friday, 09:00 am.~12:00 pm. The class is conducted ONLY in the classroom 5821 in the building of the Department of Aeronautics and Astronautics (DAA), National Cheng Kung University.

Application: Online Registration (<https://forms.gle/icA61Z7ZcYpf9UrV9>)

On-Campus Accommodation (please see the attachment for more details):

1. A freshman (the 1st-year student) who has already got a bed in a dormitory in the fall semester is eligible to apply one (Aug. 15~Aug. 29)→NTD\$200/a person per day.
2. Other students who have a bed in a dormitory in the fall semester are also eligible to apply one (Aug. 15~Aug. 26)→NTD\$200/a person per day. Importantly, you have to apply for the early-check-in online if you need to stay at a room from Aug. 27 to Aug. 29.
3. Other students who haven't acquired a bed in a dormitory from Aug. 15~Aug. 26 need to contact a staff in a dormitory for more details→NTD\$200/day/person/a freshman; NTD\$150/day/person/other students. Importantly, you have to check out before 10:00, Aug. 27.



#1132303906-參考附件-住服組-113年暑期航太系及能源學程微積分預備課程學員住宿協處規劃

113學年 住宿身分	新舊生	8月15日-8月26日	8月27日-8月29日	8月30日起
住宿生	新生	1. 依申請單位提供之修課學員名單安排住宿。 2. 費用: 200元/日/人，申請費500元/人。電費皆另計。 3. 須依本組通知辦理跨期別轉換搬遷。		開放入住113-1學期宿舍；請持113-1學期住宿費繳費證明洽所屬宿舍辦理入住
	舊生	1. 依申請單位提供之修課學員名單安排住宿。 2. 費用: 新生為200元/日/人，申請費500元/人。 舊生為150元/日/人。 電費皆另計。		自行線上申請8月27日起之113-1學期提前進住，並於8月27日辦理跨期別轉換搬遷。
非住宿生	新生	1. 依申請單位提供之修課學員名單安排住宿。 2. 費用: 新生為200元/日/人，申請費500元/人。 舊生為150元/日/人。 電費皆另計。		請申請單位提醒學員於8月27日上午10時前退房，並自行安排後續住宿事宜。
	舊生			