



AGREEMENT ON DUAL AWARD MASTER'S DEGREE PROGRAM
between
UNIVERSITY OF CINCINNATI
and
COLLEGE OF INTELLIGENT MECHANICAL AND ELECTRICAL ENGINEERING
AND COLLEGE OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE
AND COLLEGE OF ENGINEERING,
NATIONAL KAOHSIUNG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Purpose

This Agreement records the understanding made by and between the University of Cincinnati, a state institution of higher education located at 2600 Clifton Ave, Cincinnati, Ohio 45221 and organized under Chapter 3361 of the Ohio Revised Code, and National Kaohsiung University of Science and Technology ("PARTNER"), an institution of higher education located at No.1, University Road, Yanchao District, Kaohsiung City, each a "Party" and collectively the "Parties.", for the development and delivery of a collaborative (hereafter referred to as an "articulation agreement") program allowing for credit transfers between UC and NKUST contributing to the award of the Master of Science (MS) degree from College of Intelligent Mechanical and Electrical Engineering, College of Electrical Engineering and Computer Science, and College of Engineering and the Master of Engineering (MEng) degree from CEAS.

The Parties agree on the terms and conditions stated below:

1. The Parties

1.1 The University of Cincinnati (UC), College of Engineering & Applied Science, hereinafter referred to as CEAS.

1.2 The National Kaohsiung University of Science and Technology (NKUST), College of Intelligent Mechanical and Electrical Engineering, hereinafter referred to as CIMEE, College of Electrical Engineering and Computer Science, hereinafter referred to as CEECS, College of Engineering, hereinafter referred to as CE.

2. Objectives

2.1 The primary objective of this Articulation Agreement is to develop programs that benefit both CIMEE, CEECS, CE and CEAS. The Dual Award Master's Program will

provide NKUST students the opportunity to earn both a Master of Science degree from CIMEE, CEECS, CE at NKUST and the Master of Engineering degree, at the University of Cincinnati CEAS.

Development of this program is anticipated to facilitate further collaborations between NKUST and UC.

2.2 The Parties seek to establish a Dual Award Master's Program whereby students from NKUST will be admitted to the graduate program both at CIMEE, CEECS, CE and in CEAS.

3. Program Overview

3.1 Dual Award Master's Program

UC's Master of Engineering degree requires a minimum of 30 credit hours of course work (including capstone described below); a thesis is not required for the degree. Likewise, CIMEE, CEECS, CE in NKUST Master of Science degree requires a minimum of 31 credit hours; a thesis is required. Both programs are designed to provide students with advanced knowledge and experience in their fields of interest along with courses covering new developments in the respective disciplines.

Capstone Project – A key component of the Master of Engineering program is a capstone project that is a three credit hour course. The capstone project can be a written paper, project with an advisor, or a curricular practical training (internship) in the student's field of study. The project can be performed at the University (UC or NKUST), business workplace, industry, or a government institution. The capstone project provides a mechanism to demonstrate a synthesis of knowledge and application of concepts to a specific problem. Faculty or professionals in the workplace will oversee the capstone experience. The capstone project will include a written report and a presentation.

For the award of the Master's degree from CEAS, up to 15 credit hours of coursework from the MS degree at CIMEE, CEECS and CE can be credit-transferred toward the MEng degree at CEAS. Thesis hours performed at CIMEE, CEECS and CE do not count toward the MEng at CEAS, only coursework hours. Most students in the concurrent enrollment program will take 5 subjects (15 credits) from CIMEE, CEECS and CE and 5 subjects (15 credits) including the capstone (3 credits) from CEAS. In order for credits from CIMEE, CEECS and CE to count towards the Master of Engineering degree at CEAS, students originally registered at CIMEE, CEECS and CE must earn a B grade or above in a subject that has an appropriate CEAS counterpart. These subjects will be agreed upon by both universities. Similarly, a maximum of 15 credits earned from CEAS at a B grade or above can be counted towards the MS graduation requirements at CIMEE, CEECS and CE.

The structure of the program is such that typical students (originally registered at CIMEE, CEECS and CE in NKUST) will complete their first year at CIMEE, CEECS and CE to

earn 15 or more credits from NKUST (with each of the 5 subjects achieving grade B or above). Students then enroll in UC courses for 15 or more credit hours. Students will be awarded the Degree of Master of Engineering from UC if the total recognized credits earned from CIMEE, CEECS and CE and CEAS are no less than 30 credits. The minimum of 15 credits of the MEng degree at CEAS must be completed as a matriculated CEAS student. These students can also be awarded the MS degree from CIMEE, CEECS and CE once they satisfy the degree award requirements at CIMEE, CEECS and CE if their subjects studied at CEAS are credit-transferred back to CIMEE, CEECS and CE.

4. Admission Standards

4.1 Dual Award Master's Program

Students must have a bachelor's degree in a corresponding program recognized as high quality by UC, and graduate with a minimum GPA of 3.0 or QPA of 75 or equivalent.

English proficiency is required of all applicants whose native language is not English. Students can demonstrate proficiency in a number of ways at the graduate level. Most students fulfill the English requirement by taking the Test of English as a Foreign Language (TOEFL), the International English Testing System (IELTS), or the Pearson Test of English (PTE). CEAS has established the following minimum requirements: for IELTS an overall band score of 6.5, for Pearson a score of 59 is sufficient, for the (internet-based) TOEFL a score of 85 is sufficient.

Students will apply to both the CIMEE, CEECS and CE Master of Science program and the CEAS Master of Engineering program. While enrolled during the first year at COE, administrators at CIMEE, CEECS and CE will screen individuals interested in the dual award program. Those individuals who demonstrate appropriate academic potential (primarily appropriate grades in relevant coursework, English proficiency, and interest in the US education system) will be recommended for continuing in the dual award program. These students do not need to submit GRE scores for admission to the CEAS Master of Engineering program. CIMEE, CEECS and CE coordinators will send qualified student transcript for CEAS coordinator to review to confirm student UC application eligibility.

While studying at both Universities, students will be required to comply with all the regulations and requirements of each institution and be subject to any authorized changes to those regulations such as fees adjustments, etc. Notwithstanding this provision, both UC CEAS and CIMEE, CEECS and CE in NKUST will recognize their continuing commitment to students within the joint program from their time of admission to the partner institution.

Students participating in the Program are responsible for complying with all visa requirements and regulations of the hosting country; while the host Institution may assist with the acquisition of visas, it bears no responsibility for those who fail to maintain compliance with visa laws and regulations.

5. Responsibilities of the Parties

5. CIMEE, CEECS and CE agrees to the following responsibilities and obligations:

5.1.1 To ensure program approval from the relevant decision-making bodies in NKUST.

5.1.2 To promote the Programs and recruit students.

5.1.3 To collaborate with UC CEAS in selecting potential students for the Dual Award Master's Program.

5.1.4 CIMEE, CEECS and CE in NKUST shall forward completed application forms to the Admissions Office of the University of Cincinnati by the posted application deadlines.

5.1.5 To provide students with English language training, tutorial, and courses taught in English at NKUST to ensure student quality.

5.1.6 CIMEE, CEECS and CE in NKUST is responsible for accepting returning students who cannot, for academic or other reasons, continue their study at CEAS.

5.1.7 For students who return to their country having completed degree requirements at CEAS, CIMEE, CEECS and CE will assess successfully completed CEAS courses for possible credit transfer, so that these courses count toward the eventual degree completion at the partner institution.

5.1.8 For students who return to their country having not completed degree requirements at CEAS, CIMEE, CEECS and CE will assess successfully completed CEAS courses for possible credit transfer, so that these courses count toward the eventual degree completion at CIMEE, CEECS and CE in NKUST.

5.2 CEAS agrees to the following responsibilities and obligations:

5.2.1 To ensure program approval from the relevant decision-making bodies in UC.

5.2.2 To provide recruiting materials, to promote the Programs via live or web-based presentations and participate in recruiting activities as mutually agreed upon.

5.2.3 Provide instruction to CIMEE, CEECS and CE students regarding the documents necessary to be issued a certificate of eligibility from UC for a student visa and to provide guidance on applying for a student visa at the U.S. Consulate/Embassy.

5.2.4 To provide students with information about accommodation on campus and in the area. Note that information that is provided is not an endorsement of the housing.

5.2.5 CEAS will accept credits for successfully completed courses from CIMEE, CEECS and CE for credit transfer so that these courses count toward the eventual degree completion at CEAS.

6. Finances

6.1 Unless otherwise specified and agreed in written form by the Parties, each Party will meet the financial costs associated with delivering the academic components of the Programs in their respective countries.

6.2 Students in the Dual Award Master's Program will be charged CIMEE, CEECS and CE in NKUST tuition and fees while they are at CIMEE, CEECS and CE in NKUST and registered for courses there and UC CEAS out-of-state tuition and fees while they are at UC and registered for courses there. While registered as full-time students at UC, students in the dual award master's program will be eligible for the same scholarships as traditional Master of Engineering students.

6.3 Both parties reserve the right to change their tuition and fees for any component of the program. Students already progressing through the program may experience a change of fees in line with changes affecting all other students at their respective universities.

6.4 CIMEE, CEECS and CE students, while at UC, are responsible for tuition and fees, room and meal costs, travel, health and accident insurance, books and supplies, and incidental expenses.

6.5. All students while at UC must purchase UC health insurance. The cost of that coverage is added to the student's bill.

6.6. For students who apply for on-campus housing, the UC Office of Housing and Food Services requires payment of a deposit at the time a student applies for housing and a dining plan. Application for housing and dining and payment of the deposit should take place well in advance of arrival at UC. The cost of housing and dining plan depends upon options selected by each student. Payment of the deposit can be made by credit card or by check. The UC Office of Housing and Food Services will submit an invoice to each student prior to the start of the quarter. Payment is due in full when classes begin. Payments for housing and dining are to be made directly to the University of Cincinnati. On-campus housing cannot be guaranteed. Early application is critical.

7. General Provisions

1. **Term.** This Agreement commences on the date both Institutions have signed and expires 5 years thereafter. The Institutions agree to review this Agreement and the programs annually and the Agreement can be renewed or altered at any time by the

procedures set forth under "Amendment" below. It may be extended for an additional 5 years by mutual agreement in writing.

2. **Termination.** Either party may terminate this agreement with six (6) months advance notice in writing. All notices hereunder by either Party to the other shall be in writing, delivered personally, by certified or registered mail, return receipt requested, or by overnight courier, and shall be deemed to have been duly given when delivered personally or when deposited in the mail, postage prepaid.
3. **Amendment.** The written provisions contained in this Agreement constitute the sole and entire agreement made between the Institutions and supersedes all prior or contemporaneous agreements, discussions, or representations, oral or written, with respect to the subject matter hereof. Any amendments or renewals to this Agreement shall not be valid unless made in writing and signed by both Institutions.
4. **Export Control Laws and Regulations.** The parties agree to comply with the export and import control laws and regulations applicable to each respective party in the conduct of its activities under this Agreement, and each party agrees to obtain export licenses or other export authorization, as may be required, prior to exporting any controlled items or technology. If this Agreement is simply hosting or exchanging of students or researchers, then U.S. export and import control laws apply to items hand-carried or shipped and or unpublished technical data that may be sent via electronic or physical means as well as storage.
5. **Force Majeure.** An Institution shall not be responsible for failure to perform any of the obligations imposed by this Agreement, provided such failure shall be occasioned by fire, flood, explosion, lightning, windstorm, earthquake, subsidence of soil, failure or destruction, in whole or in part, of machinery or equipment or failure of supply of materials, discontinuity in the supply of power, governmental interference, civil commotion, riot, war, strikes, labor disturbance, transportation difficulties, labor shortage, or any other cause beyond the reasonable control of such Institution.
6. **Agency.** The Institutions agree that, during the term of this Agreement, the Institutions are engaged with each other as independent contractors and not as a joint venture, partnership, trust, association, corporation, or formal business organization of any kind. Except as expressly provided herein, neither Institution shall have the right to bind or obligate the other Institution in any manner without the other Institution's prior written consent.
7. **Language.** If CIMEE, CEECS and CE in NKUST chooses to translate this agreement into another language, CIMEE, CEECS and CE in NKUST warrants that the translated version accurately represents the understanding of the parties as described in the English language version. The Parties agree that this English language version in all respects shall be the controlling version of this Agreement.

8. This Agreement incorporates the terms and conditions of the ICA by reference. In the event of a conflict between this Agreement and the ICA, the terms of this Agreement shall control.

9. Program Coordinators

Each institution will designate an office and an individual within that office (the "Coordinator") to oversee the activity. Coordinators should communicate regularly with each other.

Coordinators are responsible for tracking student numbers, suggesting needed modifications, and handling problems. Coordinators will provide their counterparts with up-to-date information on their own institution and its programs, including any special requirements they may have for exchange students.

Coordinators may assign or delegate aspects of the program to other people, such as faculty advisers. Coordinators are responsible for ensuring that these other individuals perform in a satisfactory way.

The program coordinators are as follows:

University of Cincinnati

Dr. Art Helmicki
Associate Dean for Graduate Studies
College of Engineering & Applied Science
University of Cincinnati
Email: helmickaj@ucmail.uc.edu

Julie Muenchen
Program Director
University of Cincinnati
Email: Julie.Muenchen@uc.edu

National Kaohsiung University of Science and Technology

Professor, Dr. Tseng, Wen-Jui
Dean for Office of International Affairs
National Kaohsiung University of Science and Technology
Email: jui@nkust.edu.tw

Huang, Shih-Yung
Associate Project Manager for Office of International Affairs
National Kaohsiung University of Science and Technology
Email: sandra0621@nkust.edu.tw

10. Intellectual Property (if applicable)

10.1 Each party will retain individual ownership of all existing intellectual property rights in any contribution made by that party to the development of a program, or which it discloses to the other party in the course of performing its responsibilities under this Agreement.

10.2 Unless otherwise agreed, the parties shall jointly own all intellectual property jointly developed in relation to any program, with each party having any unrestricted license to use this jointly owned intellectual property during or after the term of this Agreement.

11. Dispute Resolution

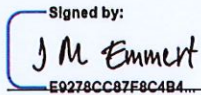
Both parties shall endeavor to resolve any issue arising as to the interpretation of any provision of this Agreement, or in respect to any of the responsibilities of either party. If the dispute or difference is not settled by agreement within 30 working days of the dispute arising, then, unless agreed otherwise, it shall be referred to a qualified mediator agreed by the parties. If the parties fail to resolve any dispute through amicable discussion, negotiation, or mediation, either party may submit such dispute to a court of competent jurisdiction.

Signature Page

Final acceptance of this Agreement is subject to ratification by the Governing Bodies of the Parties.

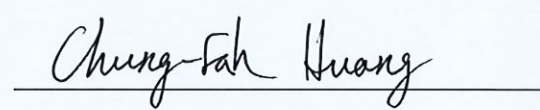
IN WITNESS WHEREOF, this Agreement was executed on the date written below.

Dr. John (Marty) Emmert
Interim Dean, College of Engineering &
Applied Science
University of Cincinnati, U.S.A.

Signed by:

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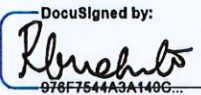
Date: 6/14/2025

Chung-Fah Huang
Dean, College of Engineering
National Kaohsiung University of
Science and Technology, Taiwan.



Date: 09/09/2025

Dr. Raj Mehta,
Vice Provost for International Affairs
University of Cincinnati

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Date: 6/13/2025

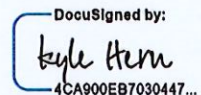
Te-Hua Fang
Dean, College of Intelligent Mechanical
and Electrical Engineering
National Kaohsiung University of
Science and Technology, Taiwan.



Date: 2025/9/2

Contracting Officer
Coordinator,
University of Cincinnati


University of Cincinnati

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Deputy Gen. Counsel/Asst. Contracting Officer

Date: 6/20/2025

Tsair-Fwu Lee
Dean, College of Electrical Engineering
and Computer Science
National Kaohsiung University of
Science and Technology, Taiwan.



Date: 09/11/2025