

Memorandum of Agreement

between

**College of Engineering
National Tsing Hua University
Hsinchu, Taiwan, Republic of China**

and

**College of Engineering
Iowa State University of Science and Technology
Ames, Iowa, USA**

Date: March 2012

The College of Engineering at National Tsing Hua University (NTHU-COE) and the College of Engineering at Iowa State University of Science and Technology (ISU-COE) jointly agree to this Memorandum of Agreement (MOA) to arrange for the development and implementation of the programs described below. The purpose of this endeavor is to include graduate level degree articulations toward the doctoral degree and collaborative research activity.

In order to formalize the MOA between NTHU-COE and ISU-COE, the two Parties subscribe to the statement of principles and procedures given below and to the terms of agreement regarding the responsibilities which each institution undertakes.

1. DOCTORAL DEGREE ACADEMIC PROGRAM

A. Articulation To Doctor Of Philosophy Degree

The parties agree that Bachelors and Masters Degree students at home institution may articulate to Doctor of Philosophy Degree programs at host institution.

- Students who are within two semesters of completing Bachelors or Masters degrees at home institution may apply to work toward the Doctor of Philosophy degree at host institution.
- The students who are studying MS degree at home institution will plan their coursework to minimize the course credits they need to take at host institution for their doctoral degree. This planning will involve appropriate faculty from the respective departments from both parties.

- To facilitate admission of students from home institution to host institution, respective departments at host institution agree to pay application fees, if any, of all recommended students.

B. Selection Of Participants

Up to 10 students will be nominated on an annual basis by home institution for admission to the Doctor of Philosophy degree program at host institution. The selection procedure shall include consideration of the following qualification:

Students from home institution shall have a minimum overall grade point average of at least 3.5 at the BS level and 3.7 at the MS level on a 4 point scale at the time of application to host institution.

C. Program Admission Requirements

ISU shall waive the Graduate Record Examination requirement for Masters level NTHU-COE students recommended for this program. English proficiency can be shown by testing and reaching the minimum TOEFL score requirement for the ISU-COE department to which they are applying for admission. ISU-COE commits to admit selected students based on availability of funding at each ISU-COE department for the term the candidates are being considered.

NTHU shall waive the Graduate Record Examination and Chinese proficiency requirements for Masters level ISU-COE students recommended for this program. NTHU-COE commits to admit selected students based on availability of funding at each NTHU-COE department for the term the candidates are being considered.

D. Student Finances

Selected students from NTHU-COE will be supported on research and/or teaching assistantships while pursuing their Ph.D. degrees at ISU-COE. As part of this enrollment, full tuition will be paid by the ISU-COE department or the Major Professor of the student. Regular fees, as charged to any graduate level ISU-COE engineering student, will be paid by the individual enrolling student. ISU-COE allows a payment plan for these fees which include health fees (not including health insurance, but health insurance can be provided by ISU-COE by virtue of holding an assistantship) and computer fees.

Selected students from ISU-COE will be strongly recommended by NTHU-COE and its academic departments to the university for NTHU International Student Scholarships while pursuing their Ph.D. degrees at NTHU-COE. After being approved by the university committee for the scholarship, selected ISU-COE students will be supported with monthly stipends with full tuition and credit fees waivers. Additional financial supports are available from individual departments and the Major Professor of the student. Other fees, as charged to

any NTHU-COE engineering student, will be paid by the individual enrolling student. Students are responsible for purchasing proper health insurance while pursuing their Ph.D. degrees at NTHU-COE. However, NTHU will assist students from ISU-COE should the students be interested in enrolling to Taiwan's National Health Insurance plan. Continuation of the scholarships will be reviewed annually per student's academic performance toward completing the Ph.D. course at NTHU-COE.

Travel, housing, and subsistence costs, books and supplies, are left to be paid by the individual student at host institution.

2. COLLABORATIVE RESEARCH ACTIVITY

Collaborative research projects will be developed based on the common interests and relative strengths of NTHU-COE and ISU-COE. Both parties will encourage faculty and staff to develop collaborative proposals for local, national, and international research funding and to produce joint research publications in areas of participation. Depending on available extramural funding, the collaborative research program may include not only specific research activities, but also technical training and postgraduate student exchanges. The research team members working on the NTHU-COE/ISU-COE collaborative projects will be managed jointly by ISU-COE and NTHU-COE. Both institutions will work closely to enhance research collaborations between the faculty which may lead to further activities including joint research proposals, and joint supervision of graduate students. Detailed agreements for specific research projects will be negotiated separately.

3. ACADEMIC AND RESEARCH INFORMATION EXCHANGE

The parties will review and update the guidelines for credit transfer for the doctoral program at ISU-COE. NTHU and ISU-COE will regularly exchange brochures, newsletters, and academic and research reports.

4. EXCEPTIONS, AMENDMENTS

For conditions of the exchange not covered by this MOA or for problems which arise during the course of this agreement, both parties agree to refrain from unilateral action and to consult and negotiate mutually agreeable decisions on such problems as may arise from time to time.

5. REVIEW OF AGREEMENT AND OTHER PROVISIONS

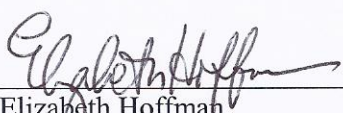
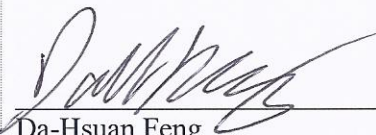
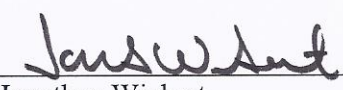
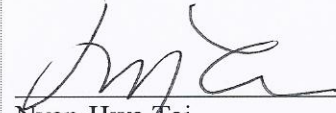
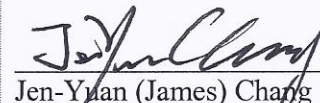
The Memorandum of Agreement shall become effective for 4 years commencing from the date of the signatures. The proposed date of the first intake of students is beginning of Fall semester 2012 at host institution. The agreement may be terminated by either party giving the other six months prior notice in writing. The Memorandum of Agreement will be reviewed during its fourth year of operation. If both parties have no objection to the Memorandum of Agreement, it will be automatically extended for a further 4 years. In the event the program is

discontinued, students admitted under the program will continue to receive support at the levels and for the time periods stipulated above.

SIGNATURES

For Iowa State University

For National Tsing Hua University

 Elizabeth Hoffman Executive Vice President & Provost	4/9/12 Date	 Da-Hsuan Feng Senior Vice President of Global Strategy, Development, and Evaluation	4/26/2012 Date
 Jonathan Wickert Dean College of Engineering	3 April 2012 Date	 Nyan-Hwa Tai Acting Dean College of Engineering	April 24 2012 Date
 Mufit Akin Professor in Charge Engineering International Engagements	3/27/2012 Date	 Jen-Yuan (James) Chang Associate Professor in Charge International Affairs, Power Mechanical Engineering	04/19/2012 Date