



## **International Higher Education Scholarship Programs**

International Undergraduate Program in Mechanical Engineering

International Master's Program in Plastic Injection and Precision

Mold

Kun Shan University

<http://www.ksu.edu.tw/eng/unit/D/A/SO/CIA/>

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## **Introduction of University**

Kun Shan University, then known as Kun Shan Institute, was officially founded on April 29<sup>th</sup> 1965 in the Da Wan area of Yung Kang City. Originally, it was planned as a junior college of industry and business; however, the Ministry of Education's final decision was to approve it as a junior college of industry. In August 1971, The Evening School of the two-year junior college program was established; and in July 1991 the business departments were finally set up and the school was renamed Kun Shan Institute of Technology. In August 1996, under the order of the Ministry of Education, it was promoted to a technological college with an affiliated junior college on campus. The Evening School was then changed to The Department of Continuing Education. In 2000, this school was again promoted and officially changed to Kun Shan University. Within the university, five colleges were established: College of Engineering, College of Commerce and Management, College of Humanities, College of Creative Media and College of Information Technology. Kun Shan University now consists of technological college with four-year programs (seventeen departments and one division), a technological college with two-year programs (thirteen departments and one division), a Department of Continuing Education with four-year programs (six departments and one division) as well as two-year programs (eleven departments and one division), and a supplementary school with two-year programs at both the senior college level (four departments and one division), and junior college level (eleven departments).

Kun Shan University has established partnerships with many schools. The Chung-Buk National University in the Republic of Korea and the Wihemshaven Institute of Technology in Germany contracted alliances as Sister Schools with Kun Shan in 1975 and 1986, respectively. In 1996, we contracted partnership with both Wellington polytechnic and Auckland International College in New Zealand. In 1998, New Zealand's Massey University

joined in a Sister School Agreement. Then in the year 2000, Kun Shan University expanded its international scope of cooperation by joining four more universities from around the world in Sister School alliances; Manchester Metropolitan University in England, Linz University in Austria and Duke University in the United States.

Kun Shan University, a fine school of higher learning, was established forty years ago and is located in southern Taiwan on a beautiful and spacious campus which is the home of outstanding student body and faculty. It is hoped that Kun Shan University will experience continued steady growth and expansion throughout the 21<sup>st</sup> century, making it a truly first-rate international university. Kun Shan University accommodates the policy of the government to develop technological and vocational education. It complies with the economic goals of the country and with the trends of the local enterprises. This school will offer education in both applied science and technological services and also promotes continuing education. It aims to train students to work as the professionals of engineering, management, business, and creativity. Kun Shan has put emphasis on integrating school transportation, campus landscape and structures, department offices, regular classrooms and laboratories in order to provide a comfortable education environment. As for the integration of college buildings, they have been remodeled to accommodate the five colleges: College of Engineering, Commerce and Management, Humanities, Creative Media and Information Technology respectively. Each College has its own Research and Development Center, and the followings are the details of each College.

### **College of Engineering**

The primary objectives of this college are to provide well-qualified professional engineers and leaders for the needs of national economic and industrial development and to upgrade the level of the nation's industry. There are four research centers in the Education and Research Building, Micro & Precision Manufacturing Center, Nano Technology Research & Development Center, Clean Energy Center, and Intelligent Vehicle R&D Center for

promoting the R&D and cooperation with the industry.

### **College of Business and Management**

The college emphasizes on creativity, leadership, and internationalism with the main research focus in the area of commercial modernization. This focus compliments faculty research and integrates the disciplines of information, logistics, finance, personnel and service management. The Technology Management Research Center is built for the purpose of providing extra opportunities for students to put theory they learned into practice, and educating students to become effective professional managers in modern business.

### **College of the Humanities**

The College of Humanities is aimed at cultivating excellent talents at humanities. The mission of the College is, in addition to assisting in promoting affairs relevant to the above institutions, to encourage the coordination and incorporation of the resources belonging to them. Furthermore, the College is intended to actively promote the internationalization of education by holding the international conferences to interchange information with other advanced countries and to enhance our prestige and status in scholarship.

### **College of Creative Media**

The College of Creative Media offers timely and unique programs that provide foundational design skills, emphasizing on 『Creative, Design, Media, and Marketing』 as core elements; integrating the professional skills such as printed, graphic and multimedia design offered by the Department of Visual Communication Design; audio-visual and computer generated media production provided by the Department of Motion Picture and Video; landscaping, environment and virtual space design offered by the Department of Spatial Design, as well as integrated marketing communication and business promotion service in the creative industry provided by the Department of Public Relations and Advertisings.

### **College of Informatics**

Research and teaching of this College cover all fields of hardware and software design,

integration, application, and management of information, communications, and network. Each department/institute has its own responsibility but emphasizes on the integration of teaching and research resources. The educational objective is to cultivate hi-tech talents who are able to apply the modern information technology and associate with the industry to enhance the living quality of humankind.

## **International Master's Program in Plastic Injection and Precision Mold**

The students will earn the “Master of Science in Mechanical Engineering” degree from the Graduate School of Mechanical Engineering after completing their studies.

### **I. Introduction of Program**

#### **A. Program Overview**

To promote international cultural and educational collaboration, Kun Shan University embarked on a series of programs supported by the International Cooperation and Development Fund (TaiwanICDF), in 2002. The mission of those programs is to provide technical assistance in plastic injection and precision mold to Dominican Republic. The technical assistance provided includes training courses and on-site diagnosis of problems. In addition to getting support from TaiwanICDF, KSU also received funds from the Ministry of Education, to host a series of international symposium on bio-engineering, nano-technology, and precision mold. This program is a very unique one in Taiwan and in the world as well, to offer the master degree on plastic injection and precision mold. It is designated and supported by Taiwan government and local manufacturers in finance and technique. The program is designated to cultivate students to be novel and well-cultivated engineers and scientists with good expertise on plastic injection and precision mold.

#### **B. Program Objectives**

This master program is designed to combine nearby technological industry's relevant information and resources. Our faculties will include personals from high-level technological research development departments and the high technological enterprises. Furthermore, the opportunity to be an intern and to visit Taiwan's technological industries will be part of the program. The targets of this program to achieve also include:

- To encourage foreign students to choose relevant culture courses as elective ones, thus enabling students to learn within a multi-cultural environment.
- To make arrangements for students to have opportunities as an intern, to visit and interview Taiwan technology industries in order to understand Taiwan technology industrial models. We hope to increase foreign students' desire to work with Taiwan in the future.
- To cooperate with famous schools, recognize each other's programs, promote dual academic degrees together, and assist students to have an opportunity as an intern.
- To invite a visiting professor to give lectures in the program. Create and increase the interaction between students and the visiting professor.

### C. Program Plan and Courses

Graduate credit will be 36 credits, including 6 credits for thesis, 24 credits for elective courses, and 6 credits for general courses.

#### ◎ **Required Courses** (Total Credits:6)

Course	Contents
Thesis	6

#### ◎ **Elective Courses** (Credits for each course: 3)

Please refer to Addendum D

Years of Study: This program will require two years to graduate.

## II. Qualification

The applicant must have graduated from a university which is recognized by the Ministry of Education, Taiwan (R.O.C) to apply for admissions.

### III. Admission

#### A. Application Requirements:

- One official photocopy of the certificate of a Bachelor's degree, and its English or Chinese translation for the graduate program application; an official photocopy of a diploma and its English or Chinese translation for the undergraduate application. Applicants who have not completed their current study when applying must submit the above by the time they report to KSU if accepted; or the admission will be cancelled.
- All applicants must pass oral examination conducted in English at KSU, and submit the TOEFL (CBT) test score of 197 (or 530 for the paper test) or higher, taken within the last two years, or equivalent certificates.
- Three letters of recommendation.
- One sealed official transcript of academic records in English or Chinese with the school's official seal on both the transcript and the envelope.
- A Health Certificate from a hospital within the past 6 months. (This health certificate can also be submitted after receiving the letter of acceptance from KSU). The health examination should include the following items:
  - Chest X-Ray for Tuberculosis (Standard film only)
  - Serological Test for HIV
  - Hepatitis B Surface Antigen Test
  - Stool Examination for Parasites (Includes Endameba histolytic etc.)  
(Merthiolate-Iodine-Fomaldehyde method, MIF method)
  - Serological Test for Syphilis
  - Proof of positive measles and rubella antibody titers or measles and rubella vaccination certificates
- A future study plan in Chinese or English.

- Other materials that will help the Admission Committee in assessing the applicant's abilities.

B. Some Issues about Application:

- **Application Form:** This form must be fully completed in order for your application to be processed. Please attach additional pages if necessary. Your full name should appear at the top of all supporting materials. Once this form is submitted, be sure to notify International Office, Kun Shan University of any further changes. In the Employment History section, describe three recently held employment, internship, or volunteer positions. Note: Do not leave this section blank. The required essays allow the Admission Committee to learn more about you in terms of your accomplishments and your professional aspirations. The essay should be written in English and should not be written or edited by anyone other than you. Follow the instructions carefully and adhere to the maximum word limit. Responses should be doubled-spaced.
- **English Proficiency:** Students from non-English-speaking countries are expected to read, write, listen, and speak English for admissions into the program. Applicants, whose first language is not English, are required to take an English proficiency test as part of the application procedure. We recognize scores from the Educational Testing Service (ETS), written TOEFL or computer-based TOEFL, taken within past two years. Applicants should arrange for the results of these tests to be sent to International Office, Kun Shan University. For more information or to request that your scores be sent to us, contact TOEFL/TSE Services, PO Box 6561, Princeton, NJ 08541-6151, or visit the TOEFL website at <http://www.toefl.org>. If you do not have a TOEFL score, submit evidence of English proficiency. (i.e. other test scores, the

history of taking English courses, etc.)

- **Transcript in the Sealed Envelope:** Please attach transcripts from all college, university or post-secondary educational institution (including dates and obtained degrees). Official documents should be sealed and stamped by the school registrar. The transcript is invalid when the envelope is broken. If the school does not release these documents to applicants, please arrange shipment directly to International Office. If the original language of academic record and diploma is not English or Chinese, a certified English translation must be accompanied with the original transcript. Official copies of credentials must be certified by a school administrative officer of the institution from which the degree was received.
- **Recommendation:** Three recommendations are required for application. The enclosed recommendation forms (Addendum B) should be given to individuals who are familiar with your academic or professional work. They should be completely filled out and returned to International Office in a sealed envelope within your package. Letters on the letterhead in sealed envelopes are accepted.
- **E-mail Notification:** Communication regarding the status of your application will be mainly through Email. Please provide us with an email for proper update on your application status. We cannot address questions regarding your application status by phone or fax.
- **Essays:** Describe your short-term and long-term career goals. Explain how your past experiences with an International Master Program in Plastic Injection and Precision Mold, Department of Mechanical Engineering, Kun Shan University will assist you in reaching these goals contribute (1,000 words maximum). Double-space your responses and use a minimum font size

of 10. Please include any other information that you believe would be helpful to the Admissions Committee in considering your application. (250 word maximum)

C. Completing the Application

D. The application form should be submitted prior to submitting supporting documents.

It is the responsibility of applicants to ensure that all supporting materials are received prior to application deadline. Please make sure that all application documents contain your full name. Once the documents are submitted, the application for admission and all supporting documents become property of Kun Shan University. No materials will be returned to the applicants. If you have questions about your application, please call 886-6-205-0659 (between 9 a.m. and 5 p.m. Taiwan time, Monday through Friday), fax to 886-6-205-9422, or send an email to [iochief@mail.ksu.edu.tw](mailto:iochief@mail.ksu.edu.tw). We are unable to accept collecting calls.

E. The following application materials are enclosed:

ME application form, resume, essays, evidence of English proficiency, official academic transcripts, medical report, and three letters of recommendation separately in the sealed envelopes.

F. All materials must be forwarded by the ROC (Taiwan) Embassy/Representative Office to Kun Shan University.

**(Note:** Those who have incomplete documents or illegible handwriting on their application forms will result in a fail application.)

#### **IV. Application Deadline**

Application deadline: **April 30<sup>th</sup>, 2010.**

## **V. Contact Information**

International Office

Kun Shan University

No. 949, Da-Wan Rd., Yung-Kang City,

Tainan County, 71003, Taiwan

Tel: +886-6-2727175 ext. 259

+886-6-2050659

Fax:+886-6-2059422

E-mail: [iochief@mail.ksu.edu.tw](mailto:iochief@mail.ksu.edu.tw)

<http://www.ksu.edu.tw>

## **VI. Application Form & TaiwanICDF Medical Report**

# Addendum A

## Application Form

**PROGRAM** : Please mark which program the application is for

International Master Program in Mechanical Engineering

**Instructions** : This form should be completed in a typewritten form by the applicant. Each question must be answered clearly and completely. Details are required in order to make appropriate arrangements. If necessary, additional pages of the same size may be attached.

a. NAME	Mr./Mrs./Miss _____ Surname (Last Name) _____ Given Name (First Name)      Middle Name	Attach Recent Photograph Here
b. ADDRESS	Address: Tel :	
c. NATIONALTY		
d. SEX	<input type="checkbox"/> Male <input type="checkbox"/> Female	e. MARITAL STATUS <input type="checkbox"/> Single <input type="checkbox"/> Married
f. DATE OF BIRTH	(MM/DD/YY) :	Age :
g. RELIGION		
h. CONTACT PERSON, in case of emergency  Name :  Relationship :  Address :  Tel :  Email :		

# Application Form

## PERSONAL INFORMATION

Last Name.....

First Name.....

Middle Name.....

Prefix Mr.  Mrs.  Ms.

Birth Date (mm/dd/yy).....

Nationality .....

Birth Place.....

Telephone (Country Code) (Area Code)

.....

### *Email Address*

.....

May we contact you via email?  Yes  No

### *Optional*

Gender  Male  Female

Marital Status  Single  Married

### *Permanent Mailing Address*

Street.....

.....

City.....

State/Province.....

Zip/Postal Code.....

Country.....

Address Valid (mm/dd/yy) From.....To.....

## TESTING INFORMATION (if available)

### GMAT

Test Date (mm/dd/yy) .....

GMAT Score .....

Test Date (mm/dd/yy) .....

### Other Evidence of Management Study Aptitude

Name of Document .....

Evaluation Criteria .....

Test Score .....

Test Date (mm/dd/yy) .....

### TOEFL

Test Date (mm/dd/yy) .....

TOEFL Score .....

Test Date (mm/dd/yy) .....

### Other Evidence of English Proficiency

Document Name .....

Evaluation Criteria .....

Test Score .....

Test Date (mm/dd/yy) .....

How long have you taken English courses? .....

## EDUCATION BACKGROUND

List all schools, colleges (most recent first), graduate, and professional schools attended regardless of whether a degree was obtained.

Institution	Degree Awarded	Enrollment Period		Major	Date Conferred
		From	To		

If applicable, what was your GPA of your high school or vocational school study? \_\_\_\_\_

If GPA is not available, please indicate the grade scale of your undergraduate study and your score.

\_\_\_\_\_

What was your GPA for your undergraduate study? \_\_\_\_\_

If GPA is not available, please indicate the grade scale of your undergraduate study and your score.

\_\_\_\_\_

List the languages in which you are capable of doing communication. (Please use one of these words: excellent, good, average, or poor)

Proficiency / Language	Listening	Speaking	Reading	Writing
English				
Chinese				
Others				

## EMPLOYMENT HISTORY

List the professional licenses or certificates you hold.

\_\_\_\_\_

\_\_\_\_\_

Please describe the 3 most recent positions you have held (present or most relevant job first). Note to Master's degree applicants: Do NOT leave this section blank, no references to resume.

I. Employer \_\_\_\_\_ Job Title \_\_\_\_\_

City \_\_\_\_\_ Country \_\_\_\_\_

Date from \_\_\_\_\_ to \_\_\_\_\_  Full-time  Part-time  Other, please specify \_\_\_\_\_

Responsibilities \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Accomplishments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Reason for leaving \_\_\_\_\_

\_\_\_\_\_

II. Employer \_\_\_\_\_ Job Title \_\_\_\_\_

City \_\_\_\_\_ Country \_\_\_\_\_

Date from \_\_\_\_\_ to \_\_\_\_\_  Full-time  Part-time  Other, please specify \_\_\_\_\_

Responsibilities \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Accomplishments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Reason for leaving \_\_\_\_\_

\_\_\_\_\_

III. Employer \_\_\_\_\_ Job Title \_\_\_\_\_

City \_\_\_\_\_ Country \_\_\_\_\_

Date from \_\_\_\_\_ to \_\_\_\_\_  Full-time  Part-time  Other, please specify \_\_\_\_\_

Responsibilities \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Accomplishments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Reason for leaving \_\_\_\_\_  
\_\_\_\_\_

### ACTIVITIES AND AWARDS

List your community and extracurricular activities in order of their importance to you.

Activities	Dates	Positions held

List any awards, certifications, or other forms of recognition (academic, community, or military, etc.)

Awards	Dates (MM/DD/YY)

### FINANCIAL AID INFORMATION

What are your financial resources?

- Personal savings
- Scholarship, please specify \_\_\_\_\_
- Other, please specify \_\_\_\_\_

**Important:** We must have a complete set of application materials prior to June 20<sup>th</sup> for you to receive full consideration. Only accepted degree applicants qualify for merit-based aid consideration.

### REFEREES

The enclosed referee questionnaire should be given to three referees. If additional space is required, the referee can attach an addendum. Letters on letterhead in sealed envelopes are accepted. Please include all three completed reference forms in sealed envelopes with your application.

Name & Title	Organization
1. _____	_____
2. _____	_____
3. _____	_____

## **Certification for Graduate Students**

I certify that the information which I have provided on this application is complete and correct, and I have written the essays without any assistance. I understand that any misrepresentation or omission may be just cause for admission denial or application at future date. I agree to abide by all rules and regulations that are now, or may in the future be, in force at the University, I understand that Kun Shan University reserves the right to deny admission or permission to register to anyone whom it considers not qualified and to require withdrawal of any student at any time for any reason it considers sufficient, including scholarship, character, and personal conduct, I understand that any items submitted to KSU in conjunction with this application becomes the sole property of the International Master Program in Mechanical Engineering, Department of Mechanical Engineering and will not be returned.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Notice for Graduate Students

1. Scope of the International Cooperation and Development Fund (TaiwanICDF) Scholarship:
  - a. Each student shall receive NT \$15,000 per month as food and miscellaneous living expense and other expense subsidies.
  - b. Monthly allowance will include food and miscellaneous living expense.
  - c. International students shall complete and successfully pass all courses and a master thesis within the two-year period. If a student fails to meet the requirements for the master's degree within the stipulated time period, the scholarship provided by the TaiwanICDF shall not be extended.
2. Graduate credits will be 30 course credits, plus 6 thesis credits, the total will be 36 credits.
3. Graduate students are graded on a scale of 100 being the highest and 70 being the passing grade. Required courses, if failed, must be repeated.
4. For any reason a graduate student cannot attend class or other required activities, authorized leave of absence must be requested according to school regulations.
5. Two graduate students of the same sex will be assigned to live in the same dormitory room. Observation of dormitory rules is a must.
6. In the event of issues or matters not mentioned in the preceding articles, relevant rules and regulations of the present program as well as those of the Ministry of Education and the Kun Shan University shall apply.

## **Declaration by Applicant**

1. I hereby declare that the information as provided by me in this document is true and accurate. I understand and accept that any false declaration of information on my part will disqualify me from the program, even when it is in progress.
2. I declare that I am not suffering from any serious or chronic disease and that I am not hindered in the performance of my duties by any illness or disability.
3. I hereby undertake to abide by the laws of the Taiwan during my stay and undertake to do the following:
  - 3.1 Fulfill due performance as required in attendance.
  - 3.2 Not seek employment or engage in any political activities.
  - 3.3 Bear any additional expenses or risks incurred as a result of any changes initiated by myself.
  - 3.4 Not bring with me any family members or friends.
4. I fully agree that the TaiwanICDF has the right to terminate the scholarship if, during my stay in the Taiwan, my behavior causes any difficulties for the management of the TaiwanICDF or Kun Shan University (KSU).
5. I understand that during my stay in Taiwan, only those matters related to the training program will be settled in accordance with TaiwanICDF's/KSU's regulations, and that TaiwanICDF's/KSU's decision will be final and will be implemented accordingly. Cases irrelevant to the training program shall be otherwise of my own responsibilities and at my own cost.

Date: \_\_\_\_\_

Signature : \_\_\_\_\_

# **Addendum B**

## **Letter of Recommendation**

**Department of Mechanical Engineering**

**Kun Shan University**

**To the applicant:**

Please type or print your name \_\_\_\_\_

Last

First

Middle

Please Mark the program to which you are applying:

- International Master's Program in Plastic Injection and Precision Mold
- International Undergraduate Program in Mechanical Engineering

Please give this form to the person who is to complete this letter or recommendation. Please ask your recommender to place the complete form in an envelope, seal the envelope, sign across the seal and return it to you. It may be helpful for you to indicate to this person the timeframe for completion; this sealed envelope must be included in the complete application package in order for you to be considered for admissions. This letter of recommendation will not become a part of your permanent record.

**To the referee:**

The person named above is applying for admission to either the International Master's Program in Plastic Injection and Precision Mold, Department of Mechanical Engineering, Kun Shan University, or the International Undergraduate Program in Mechanical Engineering. The Admissions Committee places a great deal of importance on the statements made by recommenders. Your specific comments on the applicant's attributes and abilities provide the committee with a balanced view from which to evaluate the applicant. We realize this requires considerable time and effort on your part, and we greatly appreciate your contribution to our admission process.

It is also acceptable to complete this recommendation in letter format. In that case, we ask that you fill out the biographical information below and staple the letter to this form. Please place the complete recommendation in the envelope addressed to the applicant, seal the envelope, and sign your name across the seal. This recommendation must be included in the completed application package in order for the applicant's file to be reviewed.

This recommendation will be used only for admission purposes only. This form will not

become part of the applicant's permanent file, and the applicant will not have access to this or any recommendation written on his or her behalf.

Referee Name \_\_\_\_\_ Title and Firm \_\_\_\_\_

Address \_\_\_\_\_

How long have you known the applicant? In what context? How often do you interact?

\_\_\_\_\_

What are the applicant's greatest strengths?

\_\_\_\_\_

\_\_\_\_\_

Discuss areas where the applicant could improve.

\_\_\_\_\_

\_\_\_\_\_

Comment on the applicant's leadership abilities and interpersonal skills.

\_\_\_\_\_

\_\_\_\_\_

Comment on personal motivation and initiative of the applicant.

\_\_\_\_\_

\_\_\_\_\_

Using the chart below, please rate the applicant relative to other employees whom you have known in a similar capacity.

	OUTSTANDING (TOP 2%)	EXCELLENT (TOP 10%)	GOOD (TOP 25%)	AVERAGE (TOP 50%)	WEAK (LOWER 50%)	UNABLE TO RATE
Leadership Potential						
Maturity						
Motivation and Initiative						
Analytical Skills						
Intellectual Ability						
Creativity						
Ability to work Well with Others						

Oral Communication Skills						
Written Communication Skills						
Time Management Skills						
Personal integrity						
Sense of Humor						

Overall rating of the applicant \_\_\_\_\_

Please comment on the ratings above. Feel free to make additional comments about the applicant accomplishments, managerial potential and other personal qualities.

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May we contact you if the Admissions Committee believes it would be helpful to speak with you regarding the applicant? If yes, please provide your email address and daytime telephone number.

Email \_\_\_\_\_ Phone \_\_\_\_\_

**Referee's signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Addendum C

### International Undergraduate Program in Mechanical Engineering

#### 4-Year Course Schedule

98 學年度入學適用

1 <sup>st</sup> Academic Year		2 <sup>nd</sup> Academic Year		3 <sup>rd</sup> Academic Year		4 <sup>th</sup> Academic Year	
1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>
Semester	Semester	Semester	Semester	Semester	Semester	Semester	Semester
<b>General Courses (Total: 26 Cs)</b>							
Foreign Language I (華語(一)) (3-0-3)	Foreign Language II (華語(二)) (3-0-3)	Foreign Language III (華語(三)) (3-0-3)	Foreign Language IV (華語(四)) (3-0-3) General Education I– Taiwan Culture (2-0-2)	Foreign Language V (華語(五)) (3-0-3) General Education II– Modern Technology (2-0-2)	Foreign Language VI (華語(六)) (3-0-3) General Education III– Technique Writing (2-0-2)	General Education IV Foreign Language Seminar 華語文專題 (2-0-2)	
3-0-3	3-0-3	3-0-3	5-0-5	5-0-5	5-0-5	2-0-2	

#### Compulsory Courses 必修 (Total: 62Cs)

Calculus I (微積分(一)) (3-0-3) General Physics and Experiment I (普通物理與 實驗(一)) (2-2-3) Chemistry (普通化學) (3-0-3) Engineering Graphics (圖學) (1-3-2) Shop Work I (工廠實習 (一)) (0-3-1) Computer Programming (計算機程式) (1-3-2)	Calculus II (微積分(二)) (3-0-3) General Physics and Experiment II (普通物理與 實驗(二)) (2-2-3) Shop Work II (工廠實習 (二)) (0-3-1) Applied Mechanics 應用力學 (3-0-3) Engineering Materials (機械材料) (3-0-3) Computer Aided Drawing (電腦輔助繪 圖) (1-2-2)	Engineering Mathematics I (工程數學 (一)) (3-0-3) Thermodynam ics (熱力學) (3-0-3) Mechanics of materials (材料力學) (3-0-3) Mechanisms (機構學) (3-0-3) Manufacturing Process (機械製造) (3-0-3) Electronics and Lab (電子學及實 習) (2-2-3)	Engineering Mathematics II (工程數學(二)) (3-0-3) Thermal Lab (熱工實驗) (0-3-1) Design of Mechanical Elements (機械元件設 計) (3-0-3) Materials Lab (材料實驗) (0-3-1)	Numerical Methods and Lab (數值分析及 實習) (2-2-3)	HandsOn I (實 務專題(一)) (0-3-1)	HandsOn II (實務專題 (二)) (0-4-2)	HandsOn III (實務專題 (三)) (0-3-1)
10-11-14	12-7-15	17-2-18	6-6-8	2-2-3	0-3-1	0-4-2	0-3-1

#### Elective Courses 選修

(Based on every semester opening courses, the minimum requirement of total credits: 40 Cs)

1 <sup>st</sup> Academic Year		2 <sup>nd</sup> Academic Year		3 <sup>rd</sup> Academic Year		4 <sup>th</sup> Academic Year	
1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	2 <sup>nd</sup>
Semester	Semester	Semester	Semester	Semester	Semester	Semester	Semester
Soccer and Management I (2-0-0) 足球訓練與管理(一)	Computer Engineering Applications and Lab (電腦工程應用及實習) (2-2-3) Pneumatics and Hydraulics Lab (氣液壓學及實習) (1-2-2) Non-traditional Machining (非傳統加工) (3-0-3) Soccer and Management II (2-0-1) 足球訓練與管理(二)	Computer Engineering Applications and Lab (電腦工程應用及實習) (2-2-3) Pneumatics and Hydraulics Lab (氣液壓學及實習) (1-2-2) Non-traditional Machining (非傳統加工) (3-0-3) Surface Engineering Technology (表面工程技術) (3-0-3) Dynamics (動力學) (3-0-3) Introduction to Automatic Control (自動控制) (3-0-3)	CAD/CAM (電腦輔助設計與製造) (2-2-3) Programmable Logic Controller (可程式控制原理與應用) (1-2-2) Photo-electronics (光電工程) (3-0-3) Surface Engineering Technology (表面工程技術) (3-0-3) Dynamics (動力學) (3-0-3) Introduction to Automatic Control (自動控制) (3-0-3)	Computer Aided Engineering (電腦輔助工程分析) (2-2-3) Introduction to Sensors and Measurements (感測與量測概論) (2-0-2) Electromagnetism (電磁學) (3-0-3) Manufacturing Technology Analysis (製造技術分析) (3-0-3) Vibrations (振動學) (3-0-3) Heat Transfer (熱傳學) (3-0-3) Introduction to Computational Fluid Dynamics (計算流體動力學) (3-0-3)	Computer Aided Rapid Prototyping (電腦輔助快速原型製作) (1-2-2) Fluid Mechanics (流體力學) (3-0-3) Heat Treatment (熱處理) (3-0-3) Introduction to Finite Element Method (有限元素法概論) (3-0-3) Refrigeration and Air-conditioning Technology (冷凍空調) (3-0-3) Fluid Mechanics Lab (流固力實驗) (0-3-1) Industrial Management (工業管理) (3-0-3) Automotive Engineering (汽車工程) (3-0-3)	CAE in Mechanism and Dynamic (機構與動力分析) (2-2-3) Mechatronics and Lab (機電整合及實習) (2-2-3) Reverse Engineering (逆向工程及實習) (2-2-3) Mechanism Design (機構設計) (3-0-3) Noise Control (噪音控制) (3-0-3) Introduction to Energy Engineering (能源工程概論) (3-0-3) M.E. Seminar I (機械工程專題討論(一)) (0-2-1) Industrial Design (工業產品設計) (3-0-3)	Digital Image Processing and Lab (數位影像處理及實習) (2-2-3) Creative Design Methods (創意設計技法) (3-0-3) Introduction to Semi-Industry Equipments (資訊設備工程導論) (3-0-3) M.E. Seminar II (機械工程專題討論(二)) (0-2-1) Quality Control (品質管制) (2-0-2)
0-0-0	0-0-0	8-5-9	12-4-14	22-2-23	22-5-24	15-8-19	10-4-12

Minimum for Total Credits: 128 Cs

Note:

1. (Le—Lb—Cs), Le: Lecture hours, Lb: Lab hours, Cs: Credits;

The minimum requirement for a B.S. degree is to complete one-hundred-twenty-eight credits which are possibly included the exempt credits from the transfer university.

# Addendum D

## International Master's Program in Plastic Injection and Precision Mold

### 2-Year Course Schedule

Course Title (Tutoring hrs – Lab hrs – credits)

98 學年度入學適用

1 <sup>st</sup> Academic Year		2 <sup>nd</sup> Academic Year	
1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
<b>General elective Courses (Total: 9 Cs)</b>			
華語(一) Foreign Language I 3-0-3	華語(二) Foreign Language II 3-0-3	華語(三) Foreign Language III 3-0-3	
3-0-3	3-0-3	3-0-3	
<b>Professional elective Courses (Based on every semester opening courses, the minimum requirement of total credits: 24Cs)</b>			
光機電系統整合 Opto-mechano- electronic systems 3-0-3	精密模具設計與製造 Precision Mold Design and Manufacturing 3-0-3	奈米加工與檢測技術 Nano manufacturing and measurement technology 3-0-3	模流分析 Mold Flow Analysis 3-0-3
電腦輔助設計製造模擬 整合應用 Computer Aided Design and Manufacturing 3-0-3	RP/RE 整合應用 Application and integration of RP/RE 3-0-3	最佳化設計 Optimization design 3-0-3	複合材料特論 Composite materials 3-0-3
工程分析 Engineering Analysis 3-0-3	塑膠射出成型技術 Plastic Injection Molding Technology 3-0-3	Trouble Shooting on Plastic Injection and Mold Problem 3-0-3	數位影像處理及應用 Digital Image Processing and Applications 3-0-3
科技產業管理特論 Specialist on Management of High-Tech Industry 3-0-3	高等熱傳學 Advanced heat transfer 3-0-3	現代製造學 Modern Manufacturing 3-0-3	微模具設計與製造 Micro Mold Design and Manufacturing 3-0-3
		潤滑分析 Lubrication analysis 3-0-3	太陽能原理與應用 Principle and Application of renewable energy 3-0-3
		液氣壓控制 Pneumatic and hydraulic control 3-0-3	
12-0-12	12-0-12	18-0-18	15-0-15
<b>Thesis (6 Cs)</b>			

**Note:**

(Le – Lb – Cs), Le: Lecture hours, Lb: Lab hours, Cs: Credits;

The minimum requirement for a M.S. degree is to complete thirty-six credits which are possibly included the exempt credits from the transfer university. Besides the minimum requirement of

**professional elective Courses: 24Cs, Thesis (6 Cs) is compulsory.**

## **Application Checklist**

Use the following checklist to help keep track of your application. Applications are considered complete and ready for review when all appropriate materials have been received.

**No materials will be returned to the applicant.**

- Completed application form
- Resume
- Essays
- One official transcript in the sealed envelope
- One copy of your diploma. Please notarize your degree with English translation.
- Materials demonstrating your English proficiency
- Three letters of recommendation separately in the sealed envelopes
- [Taiwan ICDF](#) Medical report

## **2. The Application Schedule for Academic Year 2010**

<b>Schedule</b>	<b>Date</b>
Application Deadline	From now on to April 30 <sup>th</sup> , 2010
Examination Period for Application Documents	May to July, 2010
Post Results on KSU Website	July, 2010
Send Admission Letters	July, 2010
Coming to Taiwan	August to September, 2010

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International Cooperation and Development Fund



## MEDICAL REPORT

FOR

**International Higher Education  
Scholarship Programs 2010**

PART 1: HEALTH DECLARATION

PART 2: MEDICAL EXAMINATION FORM

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Applying for: Kun Shan University (KSU)

International Master's Program in Plastic Injection and Precision Mold

### INSTRUCTION :

PART 1: Personal Details and Health Declaration — to be completed by the applicant

I hereby certify that the following information is true and complete, and agree that any misrepresentation or deliberate omission of a material fact on this form may result in the withdrawal of an offer of a place or scholarship, or may result in the termination of any such offer at a future date. I hereby grant the TaiwanICDF permission to share information contained in my Medical Examination Form with relevant authorities.

X

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

PART 2: Medical Examination — to be completed by certified physician

☆Kun Shan University (KSU) reserves the right to require the applicant to undergo a future medical examination after he/she arrives in the Republic of China (Taiwan).

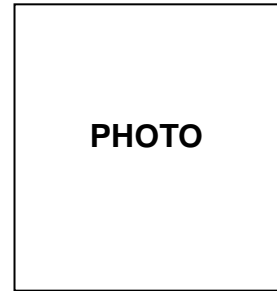
**PART 1: HEALTH DECLARATION**

**Nationality:** \_\_\_\_\_

**Name: (Last)** \_\_\_\_\_

(First) \_\_\_\_\_

(M. Initial) \_\_\_\_\_



**Gender:** Male  Female

**Date of Birth:** \_\_\_\_\_ Y/ \_\_\_\_\_ M/ \_\_\_\_\_ D/

**Health History:**

Have you ever suffered any of the following conditions? Please mark X in appropriate box

	<i>Yes</i>	<i>No</i>		<i>Yes</i>	<i>No</i>
Psychiatric illness	<input type="checkbox"/>	<input type="checkbox"/>	Thyroid Diseases	<input type="checkbox"/>	<input type="checkbox"/>
Epilepsy	<input type="checkbox"/>	<input type="checkbox"/>	Kidney Diseases	<input type="checkbox"/>	<input type="checkbox"/>
Migraine	<input type="checkbox"/>	<input type="checkbox"/>	Cancer	<input type="checkbox"/>	<input type="checkbox"/>
Asthma	<input type="checkbox"/>	<input type="checkbox"/>	HIV/AIDS	<input type="checkbox"/>	<input type="checkbox"/>
Tuberculosis (PTB)	<input type="checkbox"/>	<input type="checkbox"/>	Venereal Diseases	<input type="checkbox"/>	<input type="checkbox"/>
Hypertension (HPT)	<input type="checkbox"/>	<input type="checkbox"/>	Leukemia	<input type="checkbox"/>	<input type="checkbox"/>
Diabetes Mellitus (DM)	<input type="checkbox"/>	<input type="checkbox"/>	Hemophilia	<input type="checkbox"/>	<input type="checkbox"/>
Heart Diseases	<input type="checkbox"/>	<input type="checkbox"/>	Hepatitis	<input type="checkbox"/>	<input type="checkbox"/>
Malaria	<input type="checkbox"/>	<input type="checkbox"/>	Measles	<input type="checkbox"/>	<input type="checkbox"/>
			German Measles (rubella)	<input type="checkbox"/>	<input type="checkbox"/>

**Please State (if any)**

Other illnesses

.....

Operation / Surgical

.....

Allergic to

.....

**Family Medical History (if any)**

Father:..... Mother: .....

**Past Year Life: Please select**

1. Sleep: 7~8 hours every day Under 7~ 8 hours Often suffer from insomnia
2. If that is basic to exercise each time for 30 minutes and 3 times every week at least, did you achieve?  
No Yes
4. Do you often feel anxious and worried? Few or not Sometimes Often
5. Do you often feel the chest is stuffy? No Sometimes Yes
6. Stomach-ache? No Sometimes Often;. Headache? No Sometimes Often
7. The menarche (girl only): (1) The age of the menarche: \_\_\_\_\_years-old  
(2) Is menstrual cycle regular? No Yes(Date of partition \_\_\_\_\_day)  
(3) Do you ever have menstrual cramp phenomenon No Yes

**PART 2: MEDICAL EXAMINATION**

Physician must complete all questions and give additional comment where necessary. Kindly note that physician is responsible for the information, suggestions and recommendation regarding the applicant's health given in this form.

Certified original lab data need to be attached as reference.

**Name of Applicant:**

**Date of Birth**

Y/ M/ D/

**Physical Examination:**

HEIGHT : \_\_\_\_\_cm

WEIGHT : \_\_\_\_\_kg

BLOOD PRESSURE : \_\_\_\_/\_\_\_\_mmHg

PULSE RATE : \_\_\_\_\_/min

VISUAL ACUITY : R \_\_\_\_\_ L \_\_\_\_\_

EYES : normal color anomalous other\_\_\_\_\_

EAR/NOSE/THROAT : normal auditory meatus abnormal cleft lip and palate  
impending infarction allergic rhinitis chronic rhinitis other\_\_\_\_\_

NECK : normal wryneck goiter the lymphoid swelling of gland is big other\_\_\_\_\_

CHEST : normal thoracic anomaly core noise arrhythmias other\_\_\_\_\_

CHEST X RAY : normal advertise for like the tuberculosis pleura effusion thoracic abnormality  
tuberculosis calcify the spinal column side is curved up cardiac hypertrophy  
bronchiectasis other\_\_\_\_\_

ABDOMEN : normal hepatomegaly splenomegaly hernia other\_\_\_\_\_

SPINAL COLUMN ARMS AND LEGS : normal scoliosis frog limb articulation deformity  
edema other\_\_\_\_\_

SKIN : normal wart purple plague scabies a dermatitis other\_\_\_\_\_

MOUTH CAVITY : normal oral hygiene is poor calculus gingivitis milk tooth other\_\_\_\_\_

**Urine Test:**

NAD  WBC  RBC  PROTEIN  CLUCOSE

**Hepatitis B Test:**

POSITIVE  NEGATIVE

**Serological Test for Syphilis:**

POSITIVE  NEGATIVE

**HIV Test:**

POSITIVE  NEGATIVE

**THE ORIENTATION INSTITUTION WILL REQUIRE A FURTHER HIV TEST AFTER HE/SHE ARRIVES IN ROC (TAIWAN). THE ONE WITH POSITIVE TEST RESULT WILL BE REJECTED AND SENT BACK HOME IMMEDIATELY.**

**Pregnancy Test:**

POSITIVE  NEGATIVE

Is the applicant now under treatment for any physical or emotional condition?

.....

Do you have any recommendations for the health care of this applicant?

.....

By history and physical examination, is this applicant a carrier of any communicable disease?

.....

**CERTIFICATION BY THE MEDICAL OFFICER:**

I certify that I have examined the above applicant and in my opinion:

- The applicant is medically fit to undertake a program in Taiwan
- The applicant suffers mental or physical defects and is NOT in good health

**Name of physician, Title** :.....

**Name of Hospital / Clinic** :.....

**Address** :.....

.....

.....

**Not valid if without the hospital or clinic's seal**