



บันทึกข้อความ

มหาวิทยาลัยเทคโนโลยีสุรนารี

Institute of Science Tel. 2114, 2116, 2118

หน่วยงาน

5111(1)/368

ที่

วันที่

24 October 1994

เรื่อง

Status of Preparations for the International Program

Dear Director of Center for International Affairs,

Referring to your memo no. 5136/25 dated 17 October 1994, please find attached a status report of preparations for the Undergraduate International Program as requested.

P. Wara-Aswapati

(Assoc. Prof. Dr. Punnee Wara-Aswapati)

Acting for Dean, Institute of Science

*I have made a copy and filed in
"International Program" file*

Chelids

Oct 25, 94

5136/25

Quarterly Report

*noted
10/24/94*

JV

Quarterly Rep

5136/25

Mission

**STATUS OF PREPARATIONS
FOR
THE UNDERGRADUATE INTERNATIONAL PROGRAM
INSTITUTE OF SCIENCE, SUT**

1. Title of Program

Basic Sciences and Mathematics Courses for the Undergraduate International Program

2. Objectives

To provide teaching of Basic Sciences and Mathematics Courses for the Undergraduate International Program. (List of courses [SCI 2] is attached.)

3. Proposed Curriculum

No curriculum operated by Institute of Science for the Undergraduate International Program. Basic Sciences and Mathematics Courses will be serviced according to proposed curriculum of other SUT institutes.

4. Major SUT Staff to be Involved

All teaching staff in fields of mathematics, physics, chemistry and biology of the Institute of Science.

5. Canadian Professors (if already known)

To be negotiated.

6. Operational and Implementation Issues

None

7. Status of Negotiations with Canada

None

8. Other information you may want to share

1. A meeting with Canadian Professors involved in sciences and mathematics should be arranged.
2. The Center for Science and Technology Equipment should have their laboratory staff be ready for the service in English as well.

BASIC SCIENCES AND MATHEMATICS COURSES
INSTITUTE OF SCIENCE, SUT

A. Basic Mathematics Courses :

	Credits
1. Calculus I	3
2. Calculus II	3
3. Differential Equations	3
4. Probability & Statistics	3
5. Numerical Methods for Computer	4
6. Statistical Methods	3

B. Basic Chemistry Courses :

	Credits
1. Chemistry I	3
2. Chemistry Laboratory I	1
3. Chemistry II	3
4. Chemistry Laboratory II	1
5. Organic Chemistry	3
6. Organic Chemistry Laboratory	1
7. Physical Chemistry	3
8. Physical Chemistry Laboratory	1
9. Biochemistry	3
10. Analytical Chemistry	3
11. Analytical Chemistry Laboratory	1

C. Basic Biology Courses :

		Credits
1.	Principles of Biology	3
2.	Principles of Biology Lab.	1
3.	Plant Biology	3
4.	Plant Biology Lab.	1
5.	Animal Biology	3
6.	Animal Biology Lab.	1
7.	Man and Environment	4
8.	Microbiology	3
9.	Microbiology Lab.	1
10.	Genetics	3

D. Basic Physics Courses :

		Credits
1.	Physics I	3
2.	Physics Laboratory I	1
3.	Physics II	3
4.	Physics Laboratory II	1
5.	Radiation Physics	3
6.	Physics of Matter	3

Suranaree University of Technology

Centre for International Affairs

Tel: (044) 216191-8 ext. 1155, 1156, 1159

Fax: (044) 216122

Ref.no. 5136/25

17 October 1994

Re: Status of Preparations for the International Program

ATTENTION LIST

Dean, Institute of Social Technology	ศ.ดร. 19/10/94
Dean, Institute of Science	ดร. 19-10-94
Dean, Institute of Agricultural Technology	ดร. 19/10/94
Dean, Institute of Industrial Technology	ดร. 19 ต.ค. 94
Dean, Institute of Resources Technology	ดร. 19 ต.ค. 94

Chalida Rojanawathanavuthi

(Dr. Chalida Rojanawathanavuthi)

FOR THE DIRECTOR

Centre for International Affairs

Encl : Fax dated 13 October 1994

Suranaree University of Technology

Centre for International Affairs

Tel: (044) 216191-8 ext. 1155, 1156, 1159

Fax: (044) 216122

Ref.no. 5136/25

17 October 1994

Attn: Dean, Institute of Social Technology

Dean, Institute of Science

Dean, Institute of Agricultural Technology

Dean, Institute of Industrial Technology

Dean, Institute of Resources Technology

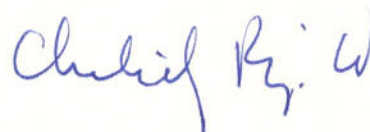
Re: Status of Preparations for the International Program

To enable the Centre for International Affairs to respond to the 13 October 1994 letter of Ryerson International regarding the CUTC/SUT Institutional Linkage Project Quarterly Report due the 31 October as well as in anticipation of the Project Review Committee Meeting in November, Kindly submit to this office on or before the 24 October a status report of your proposed Undergraduate International Program. Please include:

1. Title of Program
2. Objectives
3. Proposed Curriculum
4. Major SUT staff to be involved
5. Canadian Professors (if already known)
6. Operational and implementation issues
7. Status of negotiations with Canada

8. Other information you may want to share

Thank you.



(Dr. Chalida Rojanawathanavuthi)

FOR THE DIRECTOR

Centre for International Affairs

Encl: Fax dated 13 October 1994

Report of SUT Staff Training/mission in Canada

Type of training (more than one can be indicated) :

☐

Study Tour

☐

Attachment Programme

☐

Short training course

☐

Diploma/degree programme

☐

Other (specify)

▲ Name of trainee :

▲ Title/Position at SUT :

▲ Name of Centre/ Institute :

▲ Length of Training :

▲ Date of Arrival in Canada :

▲ Date of Return to Centre/ Institute

Describe the Objectives of the training/mission

2. Describe any preparation undertaken before going (formal briefing, reading on Canada, reading of Project papers, meeting somebody etc.)
3. Describe specific assignments given by the Centre/Institute to be completed during the training.
4. Outline activities undertaken during the training and highlight the most important aspect of the training.

5. Describe what was learned or achieved during the training and highlight any related outputs of the training programme (describe fully and use additional sheet of paper if necessary).


6. Describe how the training and experience relate or contribute to any of the following:

6.1 Long term/short term training at the Centre/Institute

6.2 Institutional Development and/or institutional strengthening of Centre and the Canadian institutions;

6.3 Strategic Planning Capacity of Centre/Institution

6.4 Cooperation/linkage with Canada/Canadian institutions.



6.5 Personal and professional development



7. What are your reentry activities (projects or activities to be done upon return to the Centre/Institute)?

8. What is your assessment of the training (ie. programme, staff, facilities and administration of the Canadian institution, and cooperation/assistance provided to the trainee, etc.). Any problems, issues, or difficulties encountered during travel, training or visits to various institutions?

9. Any suggestions for improvement of any aspect of the training /mission

10. Any general recommendations?

Date :

Signature :

IP Status

- ✓ 1. Dean, Science
- ✓ 2. Dean, Social Technology
(School of English - ESL)
- 3. Dean, Agricultural Technology
- 4. Dean, Industrial Technology
- 5. Dean, Resources Technology

Related Reports

- ✓ 1. Report of Dr. Mary Sum

เขียน ทักษะ. ส่วนใหญ่มาจาก
นักศึกษาระดับปริญญาตรี
2/10/94 21.9.37

SUT

Project Visit Suranaree on September 2, 1994

A visit to Suranaree as a result of an invitation to Mary Sun to visit the campus for a last time before leaving Thailand.

We met with most of the project management group and with some of those leaving for Canada in the near future. We also toured the facilities.

Clearly substantial progress has been made on the development of the campus facilities. There are in excess of 1,500 students enrolled and slightly more than 70 faculty members.

There was a discussion of project progress and current issues.

The implementation of the international program is one year behind schedule: however, this apparently need not delay the termination of CIDA funding. (A review of the contractual arrangement will be needed to determine whether this delay will affect a fundable deliverable).

It was reported that Ryerson is now including SUT in the quarterly report development. An issue common with some other projects remains unresolved. It relates to the extent to which expectations are met.

Among the members of the consortium there seems to be a difference in the way institutions clarify and respond to SUT expectations. University of Waterloo and TUNS are perceived as being the most responsive and reliable.

Before SUT personnel leave for Canada, SUT sends to Canada its expectations - what each person going to Canada expects to learn. The Canadian institution is then to respond indicating how the expectations will or will not be met. There would appear to be a variation in how seriously the Thai expectations are taken and some variations in the specificity with which the Canadian institutions reply to SUT. Not all consortium members appear to respond with specific actions and detailed tailor made arrangements. Some seem (to SUT personnel) to be less concerned with detail, sometimes change plans at the last minute and respond with unstructured learning arrangements.

Clearly these differences need to be addressed in a win-win fashion. There is probably an opportunity for all sides to improve.

The issue appears to break down into three sections.

- (1) Some mechanism needs to be developed to ensure that SUT and the Canadian institutions have the same understanding about the individual learning expectations of SUT faculty going to Canada.
- (2) A mechanism also needs to be developed to ensure that SUT and the Canadian institution have the same understanding about how the learning expectations will or will not be met. What preparations SUT faculty have to make, what preparations Canadian counterparts have to make

and how the learning will take place.

(3) Finally each institution has to ensure that the plans made on the SUT and the Canadian side result in delivery that meets the expectations of both sides. Someone in each institution needs to monitor and change these processes as necessary..

Over laying these three components is a need to allow adequate time and effort to communicate clearly between and within institutions during the planning process. In addition, cultural and organizational differences can be expected to confound the process unless a great deal of sensitivity is used on both sides.

It might be useful for the Canadian partners to compare notes on how they try to clarify and respond to the Thai needs so that the most effective means can be applied by all members. It would also be useful for Canadian members who are scheduled to come to Thailand in November come prepared to discuss and resolve the issue with SUT personnel.

d:\sum_link\visit.sut

ARA

The ARA Consulting Group
102 Bloor Street West, Suite 900
Toronto, Ontario, CANADA M5S 1M8

Tel: (416) 961-1474 Fax: (416) 922-5380

To: Marsha McEachrane-Johnson, Ryerson Int'l
From: Kim Siaw
Date: September 21, 1994 Fax #: 979-5352
Ref #: 91063 # of Pages (Incl. cover): 3

Dear Marsha:

RE: L-3004 CUTC & SUT Linkage Project
Thai Cdn. HRD. Project

Attached please find a copy of report from our Project Director, Gerry Wright on the recent visit to SUT with Dr. Mary Sun.

Regards.

Thanks for your interest in assisting us in the Philippine project. We would be grateful if Ryerson could arrange short-term training programs for 3 trainees in the areas of (1) Marketing Strategy and HRD Policy for a banker; (2) Canadian Legal and Justice Systems for a solicitor general; and (3) Theatre or cultural centre management for an operation director of the Cultural Centre of the Philippines.

Thanks again.

RECEIVED

SEP 27 1994

DEPT. OF COMPUTER
& COMMUNICATIONS SERVICES