



February 1, 2018

Dr. Kevin Sightler, Director of Substantive Change
Southern Association of Colleges and Schools
Commission on Colleges
1866 Southern Lane
Decatur, GA 30033

Dear Dr. Sightler,

In keeping with the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), *Principles of Accreditation: Foundations for Quality Enhancement*, St. Philip's College (SPC) is pleased to address your questions regarding the proposed dual degree program with Wuxi Institute of Technology (WXIT), China (**Attachment A**).

The requested final, fully-executed copy of the Memorandum of Understanding is attached (**Attachment B**).

The specific credentials awarded by the institutions are the Associate of Applied Science in Mechanical Engineering and Automation from WXIT and the Associate of Applied Science in Manufacturing Operations Technician from St. Philip's College, 19 hours of which will be offered by SPC. Please see **Appendices A to C** detailing degree requirements and course mapping to determine credit equivalencies.

WXIT will be an off-campus instructional site, at which students in the proposed program will be able to complete 30% of the SPC Associate of Applied Science in Manufacturing Operations Technician.

I look forward to continually working to ensure that St. Philip's College complies with all guidelines set forth by the Southern Association of Colleges and Schools Commission on Colleges. Please let me know if you have any questions or need any clarification.

Sincerely,

A handwritten signature in black ink, appearing to read "Adena Williams Loston".

Adena Williams Loston, Ph.D.
President

c: Maria Hinojosa, Ed.D., SACSCOC Accreditation Liaison, St. Philip's College

Attachment A
SACSCOC Letter December 15, 2017



December 15, 2017

Dr. Adena Williams Loston
President
Saint Philip's College
1801 Martin Luther King Drive
San Antonio, TX 78203

Dear Dr. Loston:

Thank you for your letter of August 29, 2017, notifying the Commission of the institution's intent to offer a dual degree program with Wuxi Institute of Technology (WXIT), China, effective spring 2018.

A copy of the Memorandum of Understanding was provided, but it was not executed. **Please provide a final, fully-executed copy of the agreement.**

The institution currently offers an approved Associate of Applied Science (A.A.S.) degree program in Manufacturing Operations Technician. The WXIT agreement does not clearly stipulate the educational awards that will be given to students by each institution. The agreement states that "a Wuxi Institute of Technology diploma, and ...a St. Philip's College diploma" will be awarded after students complete 121 credit hours. However, the narrative and appendices indicate that students will be awarded a 63 credit-hour Associate of Applied Science in Manufacturing Operations Technician by the institution, and an unspecified credential in Mechanical Engineering and Automation from WXIT. The institution plans to offer 19, or approximately 30%, of the 63 credit hours for the A.A.S. degree program in Manufacturing Operations Technician. **Please document the specific credentials awarded by each institution and the number of credit hours students must earn from each institution to be awarded these credentials.**

Students must apply and be admitted separately to each program based on institutional requirements. WXIT students may apply to the dual degree program after completing two years of the three year program. Program students taking college level courses at the institution must meet the same requirements for admissions, curriculum, and graduation requirements as students in the institution's general population. To graduate from the institution, students must meet basic skill requirements and maintain a 2.0 grade point average (GPA). Students who do not complete all course work to earn the dual degrees will receive a certificate of completion for the courses completed.

The institution will employ the same certification evaluation company it uses to evaluate international student transcripts to evaluate the WXIT student's transcripts. The Dean of Applied Science and Technology, a subject matter expert, and the Department Chair reviewed the WXIT curriculum and facilities, and concluded that the WXIT program appears to be adequate to meet the program's student learning outcomes.

The persons primarily responsible for the dual degree program at each institution are:

Dr. Adena Loston
President
Saint Philips College
1801 Martin Luther King Drive
San Antonio, TX 78211

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Dr. Loston
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Gong Fanghong
Legal Representative
Wuxi Institute of Technology
West Gaoland Road 1600
Wuxi, Binhu District, Jiangsu Province, China 21421

The WXIT agreement states that students may complete the final 19 credit hours of the dual degree program as international students at the institution, in-country at WXIT, or via distance learning. If students participating in courses offered via distance learning must be present at the site, these courses count toward the threshold for notifying or seeking approval of the Commission for an off-campus instructional site. **Please confirm whether or not the the WXIT campus will be an off-campus instructional site.**

Please be aware that should the institution begin to offer 25-49% of at least one program at an off-campus instructional site, the Commission will require notification prior to reaching the 25% threshold at the site. Should the institution begin to offer 50% or more of the credit for at least one program at an off-campus instructional site, a prospectus for approval of the site should be submitted **prior** to reaching the 50% threshold at the site. As a reminder, the 50% threshold requiring approval applies to any program offered by the institution; i.e., certificate, diploma, and degree programs. Effective January 1, 2017, the due dates for submission of a prospectus are:

- January 1 for sites reaching the 50% threshold as of July 1 of the current year *or*
- July 1 for sites reaching the 50% threshold as of January 1 of the following year.

The required elements and submission dates for a prospectus may be found in Appendix B of the "Substantive Change for SACSCOC Accredited Institutions" policy available on our website, www.sacscoc.org. Should you need assistance, please contact Dr. Patricia L. Donat at 404-679-4501, ext. 4532, or via email at pdonat@sacscoc.org.

We defer action concerning the dual degree program with Wuxi Institute of Technology pending review of the above requested information.

Best regards,

A handwritten signature in black ink that reads "Kevin W. Sightler".

Kevin W. Sightler, Ph.D.
Director of Substantive Change

KWS/REZ:efk

cc: Dr. Maria Hinojosa, Director, Institutional Planning, Research, and Effectiveness
Dr. Patricia L. Donat

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Attachment B
Cooperation Agreement between St. Philip's College and Wuxi Institute of Technology

COOPERATION AGREEMENT

Between

**Wuxi Institute of Technology
The People's Republic of China**

And

**St. Philip's College; Alamo Colleges District,
United States of America**

March 2017

Agreement Between

Party A: Wuxi Institute of Technology

Address: West Gaolang Road 1600, Wuxi, Binhu District,
Jiangsu Province, China, 21421
Legal Representative: Gong Fang Hong
Contact person: Xiong Ying
Tel: 0510-81838700 Fax: 0510-81838702
E-mail: xiongy@wxit.edu.cn

Party B: St. Philip's College; Alamo Colleges District

1801 Martin Luther King
Legal Representative: Dr. Adena Loston
Contact person: Carol Fimmen
Tel: (210) 485-0159 Fax: (210) 486-9286
E-mail: cfimmen@alamo.edu

In accordance with Regulations of the People's Republic of China on Chinese-Foreign Cooperation in Running Schools and Regulations of the People's Republic of China on Implementation Methods for Chinese-Foreign Cooperation in Running Schools, for the purpose of sharing the outstanding educational resources between them, carrying out reform on the curriculum structure and teaching content in Mechanical Engineering and Automation at Wuxi Institute of Technology and Manufacturing Operations Technician (MOT) at St. Philip's College; Alamo Colleges District, raising the level of training for high quality students with the ability to apply knowledge, the two parties enter into this agreement on the basis of discussion and deep understanding, after friendly negotiation, for non-profit, and with a willingness to have a fair, mutual beneficial cooperation.

1 CONTENT AND MODEL

1.1 Cooperation Specialization

The cooperation between Party A and Party B will offer a three-year program in Mechanical Engineering and Automation to be implemented at Party A. Both parties collaboratively design the training program and reflect their mutual detailed commitments in an implementing agreement.

1.2 Collaboration Length of Schooling

The length of the training program is three years of full-time study with all instructions delivered at Party A.

1.3 Student Entrance Requirements

Students entering the dual degree program must fulfill the following requirements:

- a) Complete an international student application;
- b) Apply and be admitted to the Alamo Colleges' St. Philip's College;
- c) Complete an English language pre-assessment or provide evidence of completion of the TOEFL examination with a score of at least 500. Students not meeting language proficiency requirements must enroll in an English as a Second Language (ESL) program at St. Philip's College; Alamo Colleges District upon admission into the Dual Degree Program;
- d) Complete a minimum of 30 credit hours at Wuxi Institute of Technology and be in good academic and disciplinary standing prior to the start of the dual degree program; and
- e) Complete and submit an application for the dual degree program while enrolled at Wuxi Institute of Technology.

1.4 Awards

Students registered in the program study for 3 years. After completing all courses in the collaboratively designed training plan and acquiring 120-128 credits, Party A will issue a Wuxi Institute of Technology diploma, and Party B will issue a graduation diploma which is exactly the same certificate as all current students graduating from Party B within the same major. If students cannot complete all course work, Party A will arrange for students to proceed according to related scholastic registry regulations; Party B will provide a certificate of completion for the corresponding courses completed.

The vocational school diploma conferred by Party A shall be consistent with the diploma awarded to those students of the same major in non-Chinese-Foreign Collaborative program. The graduation diploma conferred by Party B shall be recognized and consistent with the diploma awarded to the students in its home country. The diploma will not be marked on any other words for both parties.

1.5 Teaching and Quality Control

(1) Teaching will be implemented according to specialized cooperative teaching plan collaboratively designed by both parties (see appendix for course setup). The standards of collaboratively formulated training plan, curriculum setup, and

curriculum content should not be lower than domestic standards at Party B and must be in compliance with SACSCOC. At least one-third of this program's total curriculum and specialized core curriculum implemented at Party A should be provided by Party B.

(2) Teaching will be implemented according to a specialized teaching plan. The number of specialized major courses and teaching hours taught by Party B teachers at Party A should account for at least one-third of this program's total courses and teaching hours.

(3) For fundamental courses and specialized fundamental courses (for example, compulsory courses stipulated by Chinese educational administrative departments), Party A will provide teachers and all teaching materials which are considered of acceptable standards by Party B. Lessons, homework, and tests etc. can be in Chinese.

(4) Specialized courses will be the responsibility of Party B who will provide teachers which are considered of acceptable aptitude by Party B who will provide a bilingual teacher. Party B will provide teaching materials and relevant study materials. Lessons, homework, tests, and other can be mostly based in English.

(5) Additional courses required for the dual degree with Party B will be the responsibility of Party B who will provide teachers who are considered of acceptable aptitude according to an agreed curriculum system and standard.

(6) A supervisor of teaching will be appointed who will promptly communicate about teaching situations, regularly report to the Joint Management Committee, and give advice.

2 RESPONSIBILITIES OF THE PARTIES

2.1 Responsibilities of Party A

(1) Responsible for filing an application for the program with Chinese educational administrative departments.

(2) Guaranteeing the protection of all copyrights concerning Party B related to course content and diploma and obtaining authorization from Party B for use of Party B's brand name and images.

(3) Responsible for most of the language training of students and guaranteeing that students meet the language requirements of Party B.

(4) Responsible for market promotion and student recruitment in China.

- (5) Providing places, facilities, and maintenance for education and teaching.
- (6) Along with Party B, responsible for organizing and supervising student graduation thesis.
- (7) Providing one supervisor of teaching for the cooperative curriculum who will coordinate with the academic faculty advisor of Party B on related teaching matters.
- (8) Appointing a teacher especially responsible for student management work.
- (9) Responsible for assisting Party B's staff members with Chinese visa application and, if appropriate, providing convenient conditions for those teaching staff to teach and live at Party A
- (10) Responsible for regularly reporting teaching process and course evaluation results to Party B.
- (11) Responsible for collecting and archiving of all materials related to the program.
- (12) Organizing new student welcoming ceremony and planning graduation ceremony.

2.2 Responsibilities of Party B

- (1) Assisting Party A in recruiting students.
- (2) Handling the registration at Party B for students who have already registered in the dual degree program at Party A.
- (3) Providing English templates of curriculum, teaching materials, rules for study, and evaluation methods and standards, which conform to the requirements in the country of Party B.
- (4) Creating a free virtual campus; by means of CD-ROMs or the Internet, providing a copy of teaching materials.
- (5) Providing one supervisor of teaching for the cooperative curriculum who will coordinate with the supervisor of teaching of Party A on related teaching matters; Teachers from Party B are sent to Party A for teaching according to Curriculum of Mechanical Engineering and Automation made by both parties.
- (6) Responsible for evaluating and scoring tests for curriculum taught by Party B.
- (7) Along with Party A, responsible for organizing and supervising student

graduation thesis.

- (B) Attending new student welcoming and graduation ceremonies and issuing Party B's diploma.

3 JOINT MANAGEMENT COMMITTEE

- 3.1 Party A and Party B will collaboratively establish a management committee to effectively run the dual degree program and to facilitate the development of other cooperative activities. The committee will consist of five members, three members from Party A and two from Party B. Party A shall nominate one person to be the director and Party B shall appoint one person to be the deputy director of the Joint Management Committee; other committee members will be managing members. Managing members will meet at least once a year and should immediately discuss related problems informally. Meetings and consultations may occur through electronic communication (e.g., teleconference or email).
- 3.2 During the convening of committee meetings, there must be at least 3 persons present; decisions made in meetings are only effective when both parties will have at least 1 representative present.
- 3.3 Committee members will supervise and approve all matters related to publicizing, managing, resource planning and teaching related to the program.
- 3.4 Committee will write and archive an annual report in both English and Chinese.
- 3.5 Decisions made by the committee can only take effect if over half of the committee members agree on the decision.

4 FINANCIAL MANAGEMENT

- 4.1 Tuition standard for this cooperative program will be determined by Party A according to education and teaching costs and will be carried out after being reported to and approved by pricing departments in Jiangsu province.
- 4.2 The program's collected fees shall be deposited into a special account for this cooperative program and will be earmarked for its use.
- 4.3 Payment quota of the teaching costs occurred to Party B while implementing the program will be negotiated by both parties according to specific condition, with the intention that Party B will be paid its standard international tuition and fees.
- 4.4 If a student can not graduate on time, an additional fee will be charged based on

the number of credits the student must restudy.

4.5 Joint Management Committee will audit and make suitable adjustments to tuition fees according to the number of students, changes in the exchange rate, program development and new rules and regulations.

4.6 If the number of students enrolled in the program is below 20, the two parties will re-discuss future arrangements.

5 INTELLECTUAL PROPERTY RIGHTS

1. The intellectual property and teaching materials provided by Party A belongs to Party A. The intellectual property and teaching materials provided by Party B belongs to Party B. These materials are supplied solely for use in delivering the joint program.
2. Either party should not infringe on the intellectual property rights for any teaching outlines and curriculum provided by the other Party.
3. Matters not covered by this agreement shall be settled by friendly negotiation between the two parties.

6 CONFIDENTIALITY

1. The parties shall not, without the written consent of the other party, disclose any of the contents of this Agreement to any third party except for any necessary disclosure to professional advisers of that party or any organizations, government bodies, administrative departments, orders of courts or laws having jurisdiction over either party.
2. Party A shall not, without negotiating with and receiving written consent of Party B, propose a similar cooperative program with any other educational institution in Party B's home country.

7 DURATION, MODIFICATIONS, AND TERMINATION

1. Enrollment will be carried out for five consecutive years once the program is properly approved by the supervising authority. The period of cooperation between the two parties shall last for five years. Both parties shall carry out a review of the agreement six months prior to its expiration to decide whether to renew the agreement.
2. With the consent of both parties, this agreement may be modified. Any revisions to the agreement should receive the approval of both parties' board of directors

or related organization of leaders.

3. Either party may terminate this agreement by giving the other party no less than twelve (12) months advanced written notice. The party has the responsibility and obligation according to all provisions of this agreement, students who have registered before the date of termination should not be affected and should complete undergraduate program and acquire correspondent degree. The other party should positively cooperate with that party.
4. If either party is in material breach of this Agreement and, in the case of a breach capable of remedy within 60 days, the breach is not remedied within 60 days of the other party receiving notice specifying the breach and requiring its remedy, the other party may terminate this Agreement at any time by notice in writing to the other party.
5. Should either party or both parties agree to terminate this agreement, no more students would be recruited to the dual degree program.

8 BREACH

In the event that either party is in serious breach of the agreement and the appendix to the agreement which causes the failure of the regular implementation of this agreement, the non-breaching party shall be reimbursed by the other Party for all expenses properly incurred on delivering the Program, including expenses falling due for payment after the date of termination which arise from commitments reasonably and necessarily incurred by the non-breaching party for the performance of the Program. If this Agreement is terminated in terms of all provisions of this Agreement must be honored with respect to students who are already registered in the Program.

2. In the event of default by either party in paying any monies due under this Agreement, the defaulting party shall pay interest thereon at the rate of 5% per annum above the base rate current at the time of the Bank of Australia if Party A defaults, or the Bank of China if Party B defaults, and that from the date of default until such monies (and all interest thereon) have been paid in full.

9 DISPUTES

Differences of opinion, disputes and conflicts which may arise during the execution of this agreement should be referred to the Joint Management Committee of Section 4 of this agreement and the parties should work hard and try to solve it through negotiation; Otherwise the dispute shall be finally settled by arbitration in the country of Party A conducted under the Alternate Dispute Resolution Rules of the International Chamber of Commerce. The parties shall recognize and respect the decision of the arbitration tribunal as final and binding upon the parties without any right of appeal or review on any grounds before any judicial or government body.

10 MISCELANEOUS

1. If either party is unable to perform any or all of its obligations under this agreement due to event(s) that is/are beyond control, such as: earthquake, typhoon fire, war, or other unpredictable, unavoidable nor irresistible one(s), the other party shall be relieved of its obligations under this Agreement. The party must inform the other party of the event in a written notice in no time delay and take an obligation or liability to assist the other party with a proper handling of matters relating to the event.
2. All major affairs of this cooperation agreement must be verified in written form.
3. Any notice to be given under this Agreement shall be sent by email and confirmed by mail to the addresses and the Legal Representative given at the start of this Agreement or such alternative addresses as either Party may intimate in writing to the other.
4. This Agreement will become effective immediately upon the signing by the legal representatives for each party and upon the approval by China's Ministry of Education. The Agreement is in sextuplicate, with English and Chinese versions, holding equal legal effect. Each party signing the agreement will possess three copies in each language.

Party A
Legal Representative Signature
(or authorized representative signature):

Name of Party A
(Seal)

Date:
Party A
Legal Representative Signature
(or authorized representative signature):

Name of Party A
(Seal)

Date: 2017.3.10



Party B
Legal Representative Signature
(or authorized representative signature):

Name of Party B
(Seal)

Date:
Party B
Legal Representative Signature
(or authorized representative signature):

Name of Party B
(Seal)

Date: 3/9/17

Dr. Adena Loston
President, St. Phillip's College
3/8/2017

Dr. Bruce Leslie
Chancellor, Alamo Colleges District

Appendix A
Associate of Applied Science in Manufacturing Operations Technician at SPC

Student ID: _____
 Student Name: _____
 Adviser Name: _____

Publication: St. Philip's College Schedule/Catalog 2017-2018
 Program: Manufacturing Operations Technician, A.A.S.
 Minimum Credits Required: _____

Manufacturing Operations Technician, A.A.S.

The Manufacturing Operations Technician AAS is designed to prepare students for careers as maintenance technicians in high performance manufacturing environments. The program provides training in Fluid Power, Programable Logic Controls and Welding, among other skill areas.

With this award, you may seek jobs such as:

Facilities Maintenance Technicians, New Equipment Installers, Production Line Technician, Process Control Technician.

Related Awards

Manufacturing Operations Maintenance Mechanic Level 1 Certificate

Total Credit Hours Required: 60

Semester I

Course Name	Term Taken	Grade	Gen Ed
MCHN 1320 - Precision Tools and Measurement			
MCHN 1302 - Print Reading for Machining Trade			
MCHN 1438 - Basic Machine Shop I			
INMT 2303 - Pumps, Compressors and Mechanical Drives			
MATH 1332 - Contemporary Mathematics (Quantitative Reasoning) or a course from Mathematics (20) Core .			

Semester II

Course Name	Term Taken	Grade	Gen Ed
ELMT 1305 - Basic Fluid Power			
ELPT 1319 - Fundamentals of Electricity I			
RBTC 1347 - Electromechanical Devices ***			
WLDG 1428 - Introduction to Shielded Metal Arc Welding (SMAW)			
ENGL 1301 - Composition I or a course from Communication (10) Core .			

Semester III

Course Name	Term Taken	Grade	Gen Ed
RBTC 1305 - Robotic Fundamentals			
ITSC 1301 - Introduction to Computers or COSC 1301 Introduction to Computing			

Semester IV

Course Name	Term Taken	Grade	Gen Ed
RBTC 2347 - Computer Integrated Manufacturing			
ELPT 2419 - Programmable Logic Controllers I			
ELPT 1441 - Motor Control			
ARTS 1301 - Art Appreciation or a course from Creative Arts (50) Core			
ECON 1301 - Introduction to Economics or a course from Social and Behavioral Sciences (80) Core .			

Semester V

Course Name	Term Taken	Grade	Gen Ed

MCHN 2266 - Practicum (or Field Experience) - Machine Tool Technology/Machinist			
PHYS 1305 - Introductory Physics I Lecture			
or a course from Life and Physical Sciences (30) Core .			
Milestone Course(s) *** denotes Milestone course(s). A milestone course is a course that is critical for success in this program.			
NOTES CIP Code: 48.0501 Major Code: MFOT			
Notes:			

St. Philip's College St. Philip's College Schedule/Catalog 2017-2018

Manufacturing Operations Technician, A.A.S.

The Manufacturing Operations Technician AAS is designed to prepare students for careers as maintenance technicians in high performance manufacturing environments. The program provides training in Fluid Power, Programable Logic Controls and Welding, among other skill areas.

With this award, you may seek jobs such as:

Facilities Maintenance Technicians, New Equipment Installers, Production Line Technician, Process Control Technician.

Related Awards

Manufacturing Operations Maintenance Mechanic Level 1 Certificate

Total Credit Hours Required: 60

Semester I

- MCHN 1320 - Precision Tools and Measurement
- MCHN 1302 - Print Reading for Machining Trade
- MCHN 1438 - Basic Machine Shop I
- INMT 2303 - Pumps, Compressors and Mechanical Drives

- MATH 1332 - Contemporary Mathematics (Quantitative Reasoning)
or a course from Mathematics (20) Core .

Semester II

- ELMT 1305 - Basic Fluid Power
- ELPT 1319 - Fundamentals of Electricity I
- RBTC 1347 - Electromechanical Devices ***
- WLDG 1428 - Introduction to Shielded Metal Arc Welding (SMAW)

- ENGL 1301 - Composition I
or a course from Communication (10) Core .

Semester III

- RBTC 1305 - Robotic Fundamentals

- ITSC 1301 - Introduction to Computers
or COSC 1301 Introduction to Computing

Semester IV

- RBTC 2347 - Computer Integrated Manufacturing
- ELPT 2419 - Programmable Logic Controllers I
- ELPT 1441 - Motor Control

- ARTS 1301 - Art Appreciation
or a course from Creative Arts (50) Core

- ECON 1301 - Introduction to Economics
or a course from Social and Behavioral Sciences (80) Core .

Semester V

- MCHN 2266 - Practicum (or Field Experience) - Machine Tool Technology/Machinist

- PHYS 1305 - Introductory Physics I Lecture
or a course from Life and Physical Sciences (30) Core .

Milestone Course(s)

*** denotes Milestone course(s).

A milestone course is a course that is critical for success in this program.

NOTES

CIP Code: 48.0501
Major Code: MFOT

Appendix B
Associate of Applied Science in Mechanical Engineering and Automation at WXIT

WXIT Degree Plan

Degree Plan Title:	Mechanical Engineering & Automation			Effective Term		Fall 2015
Degree Plan Description: (description here...)						
Semester 1	Lecture	Lab	External	Contact	Credit	
Chinese Ethics and Policy	3	0	0	48	3	
Advanced Mathematics I	3	0	0	48	3	
Integrated English I	4	0	0	64	4	
English Listening and Speaking I	2	0	0	32	2	
English Reading and Writing I	4	0	0	64	4	
College Physics III	1	0	0	16	1	
Basics of Science and Technology	2	1	0	48	3	
Mechanical Drawing	3	1	0	64	4	
Bench-work Practice Teaching I	0	1	0	16	1	
	1st Semester Totals		22	3	0	400
Semester 2	Lecture	Lab	External	Contact	Credit	
Applied Maths	4	0	0	64	4	
Integrated English II	4	0	0	64	4	
English Listening and Speaking II	2	0	0	32	2	
English Reading and Writing II	4	0	0	64	4	
College Physics IV	1	0	0	16	1	
Basics of Computer Application	0	3	0	48	3	
CAD II	0	5	0	80	5	
Basics of Mechanics I	3	0	0	48	3	
Turning Machining Training I	0	1	0	16	1	
	2nd Semester Totals		18	9	0	432
Semester 3	Lecture	Lab	External	Contact	Credit	
Maoism and Chinese Socialism	4	0	0	64	4	
Integrated English III	2	0	0	32	2	
English Reading and Writing III	2	0	0	32	2	
CAD III	0	5	0	80	5	
Basics of Mechanics II	4	0	0	64	4	
Course Exercise in Mechanical Design	0	1	0	16	1	
Engineering Materials and Manufacturing Process	3	0	0	48	3	
Machine Processes I	2	3	0	80	5	
	3rd Semester Totals		17	9	0	416
Semester 4	Lecture	Lab	External	Contact	Credit	
Integrated English IV	2	0	0	32	2	
English Reading and Writing IV	2	0	0	32	2	
Basics of Electrician	2	1	0	48	3	
Public Speaking	3	0	0	48	3	
Expository Writing	3	0	0	48	3	
Manufacturing Processes I	3	0	0	48	3	
Manufacturing Processes I Lab	0	3	0	48	3	
Hydraulics/Pneumatics	2	3	0	80	5	
CNC Programming	2	1	0	48	3	
	4th Semester Totals		19	8	0	432
Semester 5	Lecture	Lab	External	Contact	Credit	

WXIT Degree Plan

Degree Plan Title:		Mechanical Engineering & Automation			Effective Term		Fall 2015
Degree Plan Description:							
(description here...)							
CNC Turning		1	3	0	64	4	
CNC Milling		1	3	0	64	4	
Machinery Manufacturing Technology		4	0	0	64	4	
Course Exercise in Machinery Manufacturing Technology		0	1	0	16	1	
Machine Electricity Control and PLC		2	1	0	48	3	
Machine Electricity Control and PLC Lab		0	1	0	16	1	
Engineering Project		0	3	0	48	3	
		5th Semester Totals		8	12	0	320
Semester 6		Lecture	Lab	External	Contact	Credit	
Graduation Project Design		0	8	0	128	8	
Graduation Project Practice		0	10	0	160	10	
		6th Semester Totals		0	18	0	288
		Program Totals		84	59	0	2288
Total Degree Plan hours (above)							

Comment: There are 16 class hours in one credit for each course.

Appendix C
Course Mapping and Program Development

**Manufacturing Operations Technician, A.A.S.
Dual Degree Program Course Mapping
Wuxi Institute of Technology (WXIT)**

Course Equivalency Map

St. Philip's College Course Name	WXIT Course Name	SCH
MCHN 1320 - Precision Tools and Measurement	Machine Processes I	3
MCHN 1302 - Print Reading for Machining Trade	Mechanical Drawing	3
MCHN 1438 - Basic Machine Shop I	Turning Machining Training I Bench-work Practice Teaching I CNC Turning CNC Milling	4
INMT 2303 - Pumps, Compressors and Mechanical Drives	Basics of Machines II	3
MATH 1332 - Contemporary Mathematics (Quantitative Reasoning) or a course from Mathematics (20) Core .	Applied Maths	3
ELMT 1305 - Basic Fluid Power	Hydraulics/Pneumatics	3
ELPT 1319 - Fundamentals of Electricity I	Basics of Electrician	3
RBTC 1347 - Electromechanical Devices	Course taught by St. Philip's College	3
WLDDG 1428 - Introduction to Shielded Metal Arc Welding (SMAW)	Basics of Mechanics I	4
ENGL 1301 - Composition I or a course from Communication (10) Core .	Integrated English I English Reading & Writing III	3
RBTC 1305 - Robotic Fundamentals	Course taught by St. Philip's College	3
ITSC 1301 - Introduction to Computers or COSC 1301 Introduction to Computing	Basics of Computer Application	3
RBTC 2347 - Computer Integrated Manufacturing	Course taught by St. Philip's College	3
ELPT 2419 - Programmable Logic Controllers I	Machine Electricity Control and PLC Machine Electricity Control and PLC Lab	4
ELPT 1441 - Motor Control	Course taught by St. Philip's College	4
ARTS 1301 - Art Appreciation or a course from Creative Arts (50) Core	Course taught by St. Philip's College	3
ECON 1301 - Introduction to Economics or a course from Social and Behavioral Sciences (80) Core .	Chinese Ethics and Policy	3
MCHN 2266 - Practicum (or Field Experience) - Machine Tool Technology/Machinist	Graduation Project Design Graduation Project Practice	2
PHYS 1305 - Introductory Physics I Lecture or a course from Life and Physical Sciences (30) Core .	Course taught by St. Philip's College	3