

DRAFT

Student Exchange Cooperation Agreement

between

Feng Chia University, Taiwan

hereafter FCU

and

Faculty of Engineering,

Friedrich-Alexander Universität Erlangen-Nürnberg

Germany – hereafter FAU

Feng Chia University (FCU), Taiwan, and the Faculty of Engineering, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany, hereby agree to establish an international exchange of students between the signed universities.

This agreement is focused on graduate enrolled students at FCU or at FAU.

Each participating university will motivate students to exchange to the other institution for the purpose of participating in lectures, gaining advanced language skills, broadening their horizons on different cultures and for enhancing the chances to enrol for a graduate study at the host university. The partners agree to exchange information

regularly on academic courses and events.

1 Number of Students

In the initial phase, the total number of exchange students per semester will not exceed 3 students per semester and department (mechanical engineering, computer science), so altogether max. 6 students per university and semester. The number of students may be adjusted each semester by mutual agreement.

2 Duration of the Exchange

Exchange students will be given the opportunity to study at the host institution for 1 to 2 semesters, exceptions might be possible. If a student wishes an exception from the planned duration of stay, a written application is needed. The application will be discussed by both sides to make up a decision.

3 Application process

Students interested in the program must address their application to the home university. The home university is responsible for the pre-selection of participating students, and for their academic and linguistic preparation. The final selection will be conducted by both universities.

Therefore, each university will nominate a leading contact person to be responsible for the student exchange agreement. This person also acts as main contact towards the other institution.

The leading contact person of the host institution is responsible for the final selection of students. The host university reserves the right to decline a student before and during the visit for academic reasons, or if other conditions within this agreement are not met.

4 Students

4.1 Students from FCU

- 4.1.1 Master Students applying to participate in the student exchange need to be registered as full-time exchange students in one of the study programs. They should stay at FAU usually for their 3rd and/or 4th semester.
- 4.1.2 By the time of application, language skills on level B2 in English or better (for lectures in English language) or German (for choosing lectures in German language) are required.
- 4.1.3 FCU will pre-select the applicants and will send a recommendation list to FAU. Application interviews (e.g. via Skype) may be held. FCU and FAU will jointly decide on the final list of the exchange students for each department (mechanical engineering, computer science). Students will then enter the official application process for exchange students.
- 4.1.4 FCU and FAU will jointly decide on the lectures to be taken and will sign a learning agreement for each student before the students arrive at the host university. All lectures at FAU will be given in English or German language. A list of possible lectures in English language in the field of International Production Engineering and/or Management is shown below in Appendix 1. Examinations will follow the examination regulations of FAU.
- 4.1.5 The students will be enrolled as exchange students at FAU and will be given access to the university facilities comparable to other foreign students. At the same time students need to be enrolled at FCU as well. FAU is responsible for both the academic supervision and assessment of the student. The students will not receive a degree of FAU of but transcripts for the successful completion of courses and exams.

4.2 Students from FAU

- 4.2.1 Students applying to participate in the student exchange need to be registered as full-time exchange students at FCU.

- 4.2.2 By the time of application, English language skills on level B2 or better are required.
- 4.2.3 FAU will pre-select the applicants from each department (mechanical engineering, computer science) and will send the recommendation list to FCU. Application interviews (e.g. via Skype) may be held. FCU and FAU will jointly decide on the final list of the exchange students. Students will then enter the official application process for exchange students.
- 4.2.4 FCU and FAU will jointly decide on the lectures to be taken and will sign a learning agreement for each student before the students arrive at the host university. All lectures at FCU will be given in English language. A list of possible lectures in English language is shown below in Appendix 2. Examinations will follow the examination regulations of FCU.
- 4.2.5 The students will be enrolled as exchange students at FCU and will be given access to the university facilities comparable to other foreign students. At the same time students need to be enrolled at FAU as well. FCU is responsible for both the academic supervision and assessment of the student. The students will not receive a degree of FCU but transcripts for the successful completion of courses and exams.

5 Tuition and Fees

Exchange students have to pay regular tuition and academic fees at their home university. The host university waives tuition and academic fees for students that participate in the exchange program, except for social service contributions. At FAU the exchange students additionally have to pay a once-per-semester fee for administrative costs and public transport (VGN semester ticket). This fee of about 107 Euros per semester must be paid at the beginning of each semester.

6 Insurances

The participating students are fully responsible for acquiring appropriate health insurance, accident and liability insurance for the time of their stay at the host institution.

7 Accommodation and other expenses

The participating students are responsible for their own living costs, unless other arrangements have been agreed upon. The host university will provide assistance in finding adequate accommodation.

8 Other Arrangements

Exchange students are expected to follow the rules and regulations of the host university. If an exchange student violates any law of a certain degree of severity in the country of the host institution, that host institution may expel the student and withdraw academic sponsorship of that student.

This agreement does not create any right, benefit, or trust responsibility, substantive or procedural, enforceable at law or equity, by either party, its officers, employees, or agents against the other party, its officers, employees, or agents.

Nothing in this agreement obligates either party to commit or transfer any funds, assets, or other resources in support of projects or activities between the two parties. Additional detailed procedures for implementing the exchange programs which are not prescribed in this agreement will be discussed and decided upon by both universities at the appropriate time.

Any disagreements or disputes arising while implementing the agreement will be discussed and settled by representatives from both universities.

9 Revision

The clauses of this agreement may be revised or changed only upon consent of both parties. The proposed alterations shall be presented by the parties and signed by the representatives of both parties.

10 Enforcement

This agreement comes into force at the moment it is signed by representatives of both parties. It is valid until one party requests to cancel it with three months' notice ahead.

This agreement is written in English.

If any provision of the contract shall be invalid or impracticable in whole or in part this shall not affect the validity of the remaining part of this contract. In lieu of the invalid or impracticable provision an appropriate provision shall apply which is nearest to the intent of the contracting parties or to what would have been their intention in keeping with the meaning and purpose of the contract if they had considered this issue at the conclusion of the contract or at a later addition of a provision.

Date: _____

Date: _____

Feng Chia University (FCU), Taiwan

Friedrich-Alexander-University (FAU)

Erlangen-Nürnberg, Germany

Prof. Dr. Shu-Yii Wu,

Dean, College of Engineering, FCU

Prof. Dr. Peter Greil

Dean, Faculty of Engineering, FAU

Appendix 1: Leading contact person and recommended lectures at FAU in English language

1. Mechanical Engineering

Leading contact person and address for applications:

Dr. Oliver Kreis, Managing Director Education

Department of Mechanical Engineering, Haberstrasse 1, 91058 Erlangen, Germany

E-Mail: oliver.kreis@fau.de

Recommended Lectures

(List may be updated every semester,

see <http://www.ip.study.uni-erlangen.org/incomings.shtml>)

Name 1)	Lecturer	ECTS in winter term ²⁾	ECTS in summer term ²⁾	Level
Production Technology 1 with Exercises (with training in technical english)	Merklein e.a.	-	5	intermediate
Production Technology 2 with Exercises (with training in technical english)	M. Schmidt e.a.	5	-	intermediate
Advanced Seminar on International and Sustainable Production	Hanenkamp e.a.	2,5	2,5	intermediate
German language courses	University language center	5 - 15	5 - 15	basic, intermediate oder advanced
Optical Manufacturing Metrology	Hausotte	-	2,5 or 5	advanced
Laser Technology	Schmidt, Alexeev	5	-	advanced
Engineering of Solid State Lasers	Alexeev	-	2,5	advanced
Integrated Production Systems (E-Learning course at vhb)	Franke	5	5	advanced
International Supply Chain Management (E-Learning course at vhb)	Franke	2,5	2,5	advanced
Introduction to the Finite Element Method	Mergheim	-	5	advanced
Nonlinear Finite Elements	Mergheim	5	-	advanced
Computational Dynamics	Leyendecker	5	-	advanced

Linear Continuum Mechanics	Steinmann	5	-	advanced
Operations and Logistics	Voigt	-	5	advanced
Innovation	Voigt	-	5	advanced
Sustainability Management: Issues, Concepts and Tools	Beckmann	5	-	advanced
Innovation Strategy I+II	Möslein	5	-	advanced

2. Computer Science

Leading contact person and address for applications:

PD Dr. Harald Köstler, Coordinator international students,

Department of Computer Science, INF 10, Cauerstrasse 11, 91058 Erlangen, Germany

E-Mail: harald.koestler@fau.de

Recommended Lectures

(List may be updated every semester)

Name 1)	Lecturer	ECTS in winter term ²⁾	ECTS in summer term ²⁾	Level
Full list at: https://www.tf.fau.de/studium/international/englische-lehrveranstaltungen.shtml				
Advanced Methods of Software Engineering	Riehle	5		advanced
Computergraphik	Grosso	7,5		intermediate
Diagnostic Medical Image Processing	Maier	7,5		intermediate
Fortgeschrittene forensische Informatik	Freiling	2,5		advanced
Advanced Programming Techniques	Köstler	7,5		intermediate
Architectures of Supercomputers	Fey	7,5		intermediate
Computational Optics	Pflaum		7,5	advanced
Interventional Medical Image Processing	Maier		7,5	advanced
Applied Visualization	Grosso		7,5	advanced
Programming Techniques for Supercomputers	Wellein		7,5	advanced

1) some lectures require separate application

2) Lecture periods (please refer

<http://fau.de/studium/zulassung/formulare/semesterplan.shtml>):

Lecture Period	Start	End
Winter Semester 2015/16	12 Oct 2015	06 Feb 2016
Summer Semester 2016	11 Apr 2016	16 Jul 2016
Winter Semester 2016/17	17 Oct 2016	11 Feb 2017
Summer Semester 2017	24 Apr 2017	30 Jul 2017
Winter Semester 2017/18	16 Oct 2017	10 Feb 2018
Summer Semester 2018	09 Apr 2018	14 Jul 2018

Application deadlines

For winter term: 01 February

For summer term: 01 September

Appendix 2: Leading contact person and recommended lectures at FCU in English language

Leading contact person and address for applications:

Recommended Lectures

(List may be updated every semester)

Courses offered in the Fall Term:

Course Code	Title	Credits	ECTS for FAU
IMAE789	Special Topics Study (1)	1	2
MSE621	Scanning Electron Microscope	3	6
MSE719	Plasma Engineering	3	6
INEN613	Management Engineering for Service Industry	3	6
CHE749	Advanced Electrochemistry	3	6
CHE748	Advanced Thin Film Technology	3	6
CHE756	Advanced Microelectron IC Packaging	3	6
CHE757	Surface Analysis Technology	3	6
MSE614	Lithium Ion Batteries	3	6
INEN629	Analysis Of Multiple Criteria Decision-Making	3	6

INEN637	Scheduling Theory	3	6
INEN608	Advanced Production And Operations Management	3	6
32610	Advanced Operating Systems	3	6
31466	Advanced Information Security	3	6
18921	Multimedia Security Seminar	2	4
31151	Advanced Database System	3	6
63793	Internet Protocols	3	6
72080	Random Signal Processing	3	6
31113	Advanced Coding Theory	3	6
78323	Advanced Digital Signal Processing	3	6
21920	Solid State Physics	3	6
22605	Physical Optics	3	6
13555	Visual Optics	3	6
71696	Special Topics On Integrated Circuits	3	6
53008	Topics In Electromagnet	3	6
31750	Advanced Measurement Engineering	3	6
32480	Advanced Non-Linear Control System	3	6
12333	Biomedical Technology Practice And Application	3	6
70950	Advanced Digital Communication	3	6
52950	Electronics(1)	3	6
02270	Engineering Mathematics(1)	3	6
33952	Embedded System Operating System Design And Implementation	3	6

Courses offered in the Spring Term:

Course Code	Title	Credits	ECTS for FAU
MATH653	Numerical to Partial Differential Equations	3	6
MCAE637	Neural Networks	3	6

IMAE790	Special Topic Studies (2)	1	2
AUTO635	Advanced Optimization Theory	3	6
MCAE680	Optimal Control	3	6
CHE754	Materials for Sensor Applications	3	6
CHE743	Microfabrication and Microfluidic Technologies	3	6
MSE664	Micro Fabrication	3	6
MSE603	Plasma Diagnosis	3	6
FCME667	Preparation Measurement and Applications of Graphene	3	6
65197	Design And Analysis Of Algorithms	3	6
63792	Network Security	3	6
59553	Special Topics On Information Hiding	2	4
39622	Cloud Computing	3	6
48332	Smart Internet Of Things	3	6
62111	Special Topics On Watermarking Technology	2	4
22634	English For Science And Technology	3	6
32960	Advanced Optimization Theory	3	6
69970	Robotics	3	6
20651	Low-Power Multimedia Vlsi Design	3	6
72405	Applied Optics	3	6
55410	Power System Operation And Control	3	6
31224	Advanced Microwave Devices	3	6
18561	Soc Design	3	6
20611	Servo Control (With Experiment)	1	2
46285	Statistical And Adaptive Signal Processing	3	6
51271	Wireless Communication And Networks	3	6

2) Tentative Lecture periods (please refer <http://umFCU.sjtu.edu.cn/academics/academic-calendar/>):

Term	Start	End
Fall Term 2015/16	14 Sep 2015	14 Jan 2016
Spring Term 2016	17 Feb 2016	22 June 2016
Fall Term 2016/17	14 Sep 2016	14 Jan 2017
Spring Term 2017	15 Feb 2017	22 June 2017
Fall Term 2017/18	13 Sep 2017	25 Jan 2018
Spring Term 2018	27 Feb 2018	04 July 2018

Application deadlines

For winter term: _____

For summer term: _____