DEGGENDORF INSTITUTE OF TECHNOLOGY DIT

International Cooperation

Automotive Computing and Communications

Applied Computer Science

(M.Sc.120/90 ECTS)

Faculty of Electrical Engineering, Computer Science and Information Technology Osijek (FERIT)

and

Deggendorf Institute of Technology (DIT)

International cooperation Programme in

Automotive Computing & Communications and Applied Computer Science (120/90 ECTS)

Deggendorf Institute of Technology (DIT) and Faculty of Electrical Engineering, Computer Science and Information Technology Osijek (FERIT) are intensifying their partnership by introducing a international cooperation programme.

This programme puts the concept of internalisation into practice. Both parties agree that this international cooperation programme will be in the best interest of their institutions and will encourage and support their educational missions.

The parties are hereby establishing a international cooperation programme under which FERIT students may be admitted to the international cooperation and take course work at DIT on a coordinated basis, leading to the award of a master degree from each of our institutions.

The FERIT students will spend one (1) theoretical semester at DIT acquiring international experience and benefiting from a supplementing curriculum with focus on computer science. All compulsory Master of Computer Science courses held in Deggendorf will be taught in English.

In the future, this agreement may also be extended to include the possibility of DIT students pursuing the international cooperation with one or more semester(s) at FERIT.

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1. Structure for FERIT Students coming to DIT

1.1 Prerequisites

In order to be admitted to the programme the student is required to meet the following prerequisites:

- successful completion of the first semester
- acquiring a total of min. 17 ECTS at the home institution

The students shall be screened for eligibility for admission as DD Programme candidates by their home institution. The DD Programme candidates are to be nominated by their home institution.

Until otherwise determined by the international cooperation coordinators, this programme is restricted to five (5) international cooperation students per year.

1.2 Transfer to Germany

After succeeding at fulfilling the requirements the student is entitled to transfer to DIT. The participant will continue his/her studies in the summer term (beginning of summer term: mid-March) and spend one academic semester at Deggendorf (until the end of the summer term: end of July).

The students will be enrolled at both universities. No tuition fees have to be paid in Deggendorf, but students will be subject to the same administrative charges as any regular student.

Students will be assisted in finding accommodation and will be able to take part in the orientation weeks (starting at the beginning of March).

The lecture programme is organized in day-time studies (Monday to Friday) and possibly some weekend seminars.

1.3 Courses to be taken and considered as equivalent to courses at partner university

The following table shows the courses that are to be completed by FERIT students of the international cooperation programme.

DIT Courses
Theoretical CS (Semantics, Formal Languages & Compiler Construction I) [8 ECTS]
Practical CS (Advanced SE, Programming Lab,Formal Languages & Compiler Construction II) [8 ECTS]
Selected Topics in Embedded Software Development I, 5 ECTS
Choice of Electives (to be determined with study programme coordinator), >=7 ECTS
German, 2 ECTS
= 30 ECTS during the DIT Semester

In order to obtain FERIT's diploma, students have to complete all courses and Master's Thesis, i.e. obligations in general, as defined by the study program of the Master's study programme „Automotive Computing and Communications" (120 ECTS). To facilitate the mobility of students, FERIT will recognize following courses based on the courses that the student has completed at DIT:

Courses recognized at FERIT	Courses that have to be passed at THD if students want that corresponding course to be recognized at FERIT
Advanced Programming (DAK1-03), ECTS 5	Theoretical CS (Semantics, Formal Languages & Compiler Construction I) [8 ECTS] Practical CS (Advanced SE, Programming Lab, Compiler Construction II) [8 ECTS]
Automotive Computer Networks and Protocols (DA2-01), ECTS 7	Selected Topics in Embedded Software Development I, 5 ECTS
Object Based Programming (DAKb2-04), ECTS 5	Theoretical CS (Semantics, Formal Languages & Compiler Construction I) [8 ECTS] Practical CS (Advanced SE, Programming Lab, Compiler Construction II) [8 ECTS]
Project Management (DA4-01), ECTS 4	Practical CS (Advanced SE, Programming Lab, Compiler Construction II) [8 ECTS]
Elective course in 4th semester, ECTS 5	Choice of Electives (to be determined with study programme coordinator), >=7 ECTS

In addition, if student in agreement with international cooperation coordinators completes some additional courses at DIT, FERIT will consider to recognize them as well, if it possible regarding the content of the courses. At the moment following courses have been identified as compatible, but the list can be expanded during the cooperation if agreed by international cooperation coordinators:

Courses recognized at FERIT	Courses that have to be passed at THD if students want that corresponding course is recognized at FERIT
Security of Information Systems (DA3-05), ECTS 6	Selected Topics in Embedded Software Development II, 5 ECTS
Computer System Design (DAR1-01), ECTS 7	FPGA Programming, 5 ECTS
Drive Systems and Vehicle Power Supply (DA1-01), ECTS 6	Automotive and Industrial Drive Systems, 5 ECTS
German (D4F-01) – optional course, ECTS 4	German as a foreign language

The participating institution will be notified about changes in the above curriculum.

DIT requires FERIT students coming to DIT to take German as a foreign language during their stay.

Unless otherwise agreed upon by the international cooperation coordiantors:

- FERIT candidates will have to finish their Master's Thesis under the supervision of a FERIT Professor and a DIT professor to obtain the DIT degree.
- the topic of the Master's Thesis will be selected in such way that there will be no need for student's transfer to Deggendorf while working on the Thesis

1.3.1 Courses, Exams and Theses

The exams for the individual courses shall follow the rules of the institution where the course was audited and is examined.

1.4 Return to FERIT and concluding studies

Fulfilling the above mentioned requirements, the FERIT students have successfully completed their study period in Deggendorf (30 ECTS). After successfully attaining 30 ECTS the participant will return to FERIT in the next semester to conclude their remaining studies.

1.5 Obtaining the degree

Upon successful fulfilment of the requirements and conditions set forth in this document, this agreement gives students of Osijek's Automotive Computing and Communication study programme the opportunity of receiving the Master of Science Degree in Applied Computer Science from DIT. The academic degree of the home institution can be received under accordance of the local regulations.

The FERIT and DIT shall issue a certificate of the academic degree according to their respective regulations. For the purpose of the international mobility, each certificate will be accompanied by a diploma supplement containing the relevant facts of the internationalization cooperation programme.

1.6 Guidelines concerning the final thesis

The choice of topic and written paper needs to be in accordance with the thesis guidelines of both universities. Where this is not possible a compromise must be found by the international cooperation coordinators.

One thesis supervisor from each university will be appointed for each thesis upon mutual agreement of both institutions.

After submission of the graduation thesis the assignment will be evaluated by both thesis supervisors. As the final step the candidate will be subjected to an inquiry session where he /she has to defend the paper, answer questions and clarify content, if necessary, in the presence of a thesis supervisor from each university (possibly via video conferencing software).

2. Grade charts

The semesters of the master programme spent at either home or host university shall be fully recognized.

DIT:

Scale	Grade Description
1,0 – 1,5	sehr gut (very good)
1,6 – 2,5	gut (good)
2,6 – 3,5	befriedigend (satisfactory)
3,6 – 4,0	ausreichend (sufficient)
5,0	nicht ausreichend (insufficient)

FERIT:

Scale	Grade Description
5	izvrstan (very good)
4	vrlo dobar (good)
3	dobar (satisfactory)
2	dovoljan (sufficient)
1	nedovoljan (insufficient)

3. Quality Assurance

The persons responsible for the programme at both institutions, the international cooperation Coordinators, shall communicate at least once a year in order to:

- review the effectiveness of the programme
- examine the academic results achieved by the students in the context of the universities' collaborative efforts; and
- propose further actions for improvement.

An evaluation of this agreement will be initiated by both institutions at least twelve (12) months prior to its expiration to ascertain if the programme should be continued and, if so, how it might be improved.

Each nominated student has to be formally registered by the host institution.

FERIT and DIT have a policy for quality assurance that is made public and forms part of their strategic management.

DIT´s policy for quality assurance can be found here:

https://th-deg.de/en/dit/quality-management.

FERIT´s policy for quality assurance can be found here:

https://www.ferit.unios.hr/fakultet/kvaliteta

https://www.ferit.unios.hr/faculty/quality-assurance

4. Contact details of international cooperation Coordinators

international cooperation Coordinator DIT:

Name:	Prof. Dr. rer. nat. Jüttner
Role:	Professor
Address:	Technische Hochschule Deggendorf Dieter-Görlitz-Platz 1 94469 Deggendorf Germany
Phone:	+49 (0)991 3615-271
Email:	peter.juettner@th-deg.de

international cooperation Coordinator Osijek:

Name:	Izv. prof. dr.sc. Josip Job
Role:	Associate Professor
Address:	JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK Faculty of Electrical Engineering, Computer Science and Information Technology Osijek Kneza Trpimira 2B, HR-31000 Osijek Croatia
Phone:	+385 (0) 98 900 1355
Email:	josip.job@ferit.hr

5. Student/staff confidentiality/Data Security

DIT and FERIT shall comply with all applicable laws and regulations, including data privacy laws which includes Regulation (EU) 2016/17. General Data Protection Regulation and all related implementing laws, applicable to personal information of the type that may be shared under this Agreement. DIT and FERIT will provide and obtain all required notifications and consent from its student/staff in compliance with the GDPR.
Each university shall protect the confidentiality of student records as dictated by the GDPR and shall release no information absent written content of the student/staff unless required to do so by law or as dictated by the terms of this Agreement.

6. Effective Date and Duration

This agreement shall become effective on the date it has been signed by the responsible university authorities whose names appear below. It will continue in effect, unless terminated, for five (5) years, and may be renewed for an additional five years if both parties agree on renewal in writing. Either party may terminate this agreement with or without cause by providing the other party with prior written notice of at least six (6) months after the date the written communication of the termination is received by the other party.
In the event of a termination, students admitted to the international cooperation Programme shall be permitted to complete the academic year in which the termination occurred.

7. Signatures

The signing of this agreement does not entail any financial obligation for the parties and no payments will be made between the two institutions.

This agreement takes effect upon the date of its signature written below and signed by both parties.

Deggendorf Institute of Technology

Prof. Dr. Peter Sperber, President

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Deggendorf, date 02. Dez. 2020

Deggendorf Institute of Technology
Dieter-Görlitz-Platz 1
94469 Deggendorf
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Phone.: +49 991 3615-0
mailto: info@th-deg.de

Faculty of Electrical Engineering, Computer Science and Information Technology Osijek (FERIT)

(name), Dean

DR. PRAGO [illegible], FULL PROFESSOR

.....

Sveučilište Josipa Jurja Strossmayera u Osijeku Fakultet elektrotehnike, računarstva i informacijskih tehnologija FERIT 1

(place), date

OSIJEK, 23-12-2020