

Transition Studies Engineering (TSE, CE)

Welcome, Students!

Prof. Dr. Dietmar Fey
Dr. Felix Schmutterer



Transition Studies Engineering (TSE, CE)

Agenda

- ❑ **Welcome by Prof. Dr. Dietmar Fey** (program director)
- ❑ **Welcome by Dr. Felix Schmutterer** (program coordinator)
- ❑ **Introduction to the study program**
- ❑ **Welcome by FSI Computational Engineering** (student association)
- ❑ **„Q&A“**



Persons in Charge/Contact Persons

Prof. Dr. Dietmar Fey (**Program Director**)

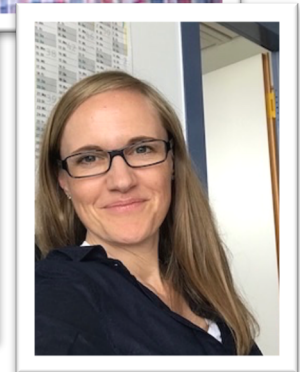
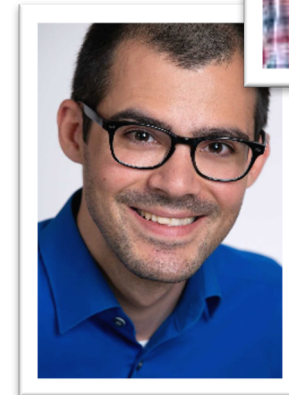
(Professor for Computer Architecture)

Dr. Felix Schmutterer (**Program Coordinator**)

- advice for your studies
- accreditation of coursework achievements
- support with formalities
cs3-transition-studies@fau.de

Carolin Seifert (**Program Coordinator**)

- support with formalities
- financial and legal administration
cs3-transition-studies@fau.de



Persons in Charge/Contact Persons



Sagni Majumdar



Harineeswari Meenakshi Sundaram



Tobias Baumeister

- **General Study Advisory** (Informations- und Beratungszentrum, IBZ)
Elisabeth Bächle-Grosso, Halbmondstr. 6-8, 91054 Erlangen, Room: 1.031
elisabeth.baechle-grosso@fau.de
 - general study-related problems
 - information about changing your study program (advisor for all engineering programs)
 - student visa issues (certificate for foreigners office)
- **Examinations Office Faculty of Engineering** (Prüfungsamt TechFak)
Heike Barthelmann, Halbmondstr. 6, 91054 Erlangen
heike.barthelmann@fau.de
 - managing exams, credits, grades online by „mein campus“ or by paper certificates, withdrawal from exams (due to illness etc.)
 - **Report on conditional subjects/“Auflagen“!**

- **International Office Faculty of Engineering**

Christine Mohr, Erwin-Rommel-Str. 60, 91058 Erlangen

christine.mohr@fau.de

- Information about studies/internship abroad
- General help and support for international students

- **Career Service**

career-service@fau.de ; www.career.fau.de

- Help with your job search (also student jobs)
- Support with applications
- Check of application documents
- Training for job interviews
- Useful workshops and seminars

- **Office for Gender and Diversity**

Bismarckstraße 6, 91054 Erlangen

gender-und-diversity@fau.de

- Advice for students with children
- Help for students with a migratory background
- Support for women (in cases of violence, harassment)
- Support for students experiencing discrimination of any kind (due to gender, ethnicity, religion, sexual orientation etc.)

- **Advice for students with disabilities or chronic diseases**

Dr. Jürgen Gündel, Schloßplatz 3/Halbmondstr. 6, 91054 Erlangen, Room: 1.032, juergen.guendel@fau.de

- General advice and support (e.g. accessibility of buildings)
- Compensation of disabilities during examinations (e.g. more time)

- **Psychological support:**

Elizabeth Provan-Klotz

Psychologisch-Psychotherapeutische Beratungsstelle
Computer Science Tower, Martensstr. 3, 91058 Erlangen, Room: 04.154

Open consultation (anonymous drop-in sessions)

+49 9131 85-27935

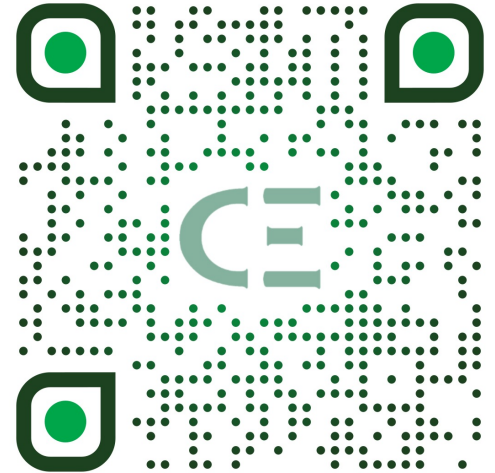
E-Mail: elizabeth.provan-klotz@werkswelt.de

How to find information?

One weblink to rule them all ...

<https://www.ce.studium.fau.eu>

<https://www.fau.de>



...including today's presentation!

How to find information?

General information on the internet: search the web for “FAU“ + keyword

- e.g.
- FAU + language courses
 - FAU + examinations office
 - FAU + psychological services
 - FAU + semester dates...

Transition Studies Engineering (TSE, CE)

Program Structure



Program Structure

- **General structure of the TSE-program**

- The Transition Studies Engineering at FAU is a full-time, two-semester pre-master program – starting every winter semester.
- The first semester is taught as an online semester. Students can study from home and do not have to be present at FAU. They will receive online courses dedicated to “Basics for Computational Engineering”, “Elementary Numerical Mathematics”, “Academic English” and to “Living and Studying in Germany”.
- At the end of the first semester, students will take written/oral tests and will receive recommendations based on their test results.
- During the second semester students will take courses at FAU in Erlangen. They will join seminars, projects and courses focusing on “Scientific Computing”. T
- To complete the second semester successfully, students will have to pass examinations according to their choice of modules.

Program Structure

Modules	Courses / Lectures	SWS				ECTS-Credits	Workload (h)		Type of Examination
		V	Ü	P	S		1.Sem.	2. Sem.	
General subject-specific basics (digital)	Basics for Computational Engineering	4	4			15	450 h		written / oral exam (90 min)
Subject-specific Mathematics specialization (digital)	Elementary Numerical Mathematics	2	2			10	300 h		written / oral exam (90 min)
Intercultural and linguistic basics (digital)	Living and Studying in Germany					5	75 h		paper (five pages)
	B2 Online Academic English						75 h		
In-depth subject-specific content	Scientific Computing	2	2			10		300 h	written / oral exam (90 min)
	Basics of Scientific Computing	1							
Scientific practice	Seminar				2	5		150 h	„Seminarleistung“ § 6 Abs. 3 ABMPO/TechFak
	Project					10		300 h	Oral exam (30 min)
Technical elective module						5		150 h	according to the chosen module
Summen						60		1800 h	

Please note: There is no module catalogue for the second semester!

Discuss your electives with us early.

The standard progression through the programme for full-time participants amounts to 30 ECTS per semester.

Types of Courses

- V/L: Vorlesung/lecture – generally no registration, attendance not mandatory
- Ü/E: Übung/exercise class/tutorial – usually start in the 2nd week, further details in the 1st lecture, attendance usually not mandatory
- P: Praktikum/practical course (lab course) – attendance mandatory, early registration (see UnivIS)
- S: Seminar – attendance mandatory, early registration (see UnivIS)

Types of exams/course achievement

- **Prüfungsleistung (PL)/Graded course achievement (gCA)**
 - schriftlich (written)
 - mündlich (oral)
 - Seminar (presentation and paper)

- **Studienleistung (SL)/Ungraded course achievement (uCA)**
 - e.g. exercise classes or practical courses
 - Hochschulpraktikum/academic laboratory
 - Forschungspraktikum/research laboratory

Transition Studies Engineering (TSE, CE)

General Information



What is “ECTS”?

- ***European Credit Transfer and Accumulation System***
 Student workload required for the learning outcomes of a program
 - 30 credits: **recommended** workload per semester
 - 1 credit: ≈ 25-30 working hours (attendance-based learning + self study!)

- You will find information on ECTS in the module catalogs, in the online information system UnivIS, on your Master’s certificate/Transcript of Records



Semesters & Exams

- Regular duration of studies: 2 semesters/one year
(cannot be extended)
- Semester: lecture period (14/15 weeks) + lecture-free period (≈12 weeks)
- Two exam periods: first 2 weeks and last 3 weeks
of the lecture-free period (“holidays”)
- Failing an exam: 2nd chance in the following weeks (mandatory registration) –
exception: conditional subjects/“Auflagen”
- You can/must only take exams if you register for them (via MeinCampus).
- **Withdrawal** from registered exams: until 3 working days (Mon – Fri) before the exam
without a reason – or later in case of illness/severe reasons (medical/other certificate)

Semesters & Exams

Winter semester 2021/22 (Oct. 1, 2021 – March 31, 2022):

Lecture Period:	October 18, 2021 – February 11, 2022
Exam Registration:	November 30, 2021 – December 13, 2021 (preliminary)
Re-Registration for SS 2022:	February 1-8, 2022
Semester break (lecture-free):	December 24, 2021 – January 6, 2022 February 12, - March 31, 2022
Exams:	End of January, beginning of February

www.fau.eu/study/current-students/semester-dates/

Conditional Subjects/“Auflagen”

- **Must be passed within one year**

Otherwise, they will prevent successful re-registration for the 3rd semester. **No exceptions!**

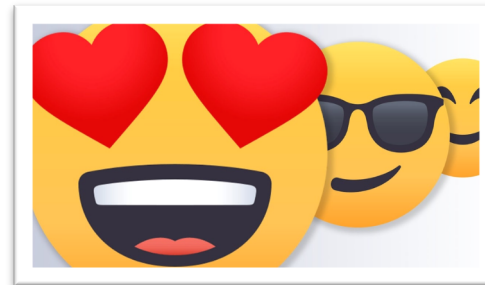
- **After successful completion of conditional subjects:**
Actively inform Mrs. Barthelmann (Examinations Office)!
- **Examination results of the 2nd semester might be published late.**
If this is the case, contact your lecturer to get the results faster.

Foreign Language Training

Sprachenzentrum (Language Center), Bismarckstraße 1; www.sz.fau.de

- Courses during the lecture period are **free of cost**.
- Intensive courses (with a fee) during the semester break
- **Registration** is required for all courses.
- Registration for **German courses**: online (+ in person; **open as of now**); **highly recommended for internships & future job! Required for passing the TSE!**
- Recommended languages to prepare for studying abroad:
e.g. English, Spanish, Portuguese

Many of you will want to stay in Germany ...



M.Sc. Computational Engineering

The Student Association for Computational Engineering (FSI CE)



Who are we, and what do we do?

- We give information and support regarding your studies, student-life, Erlangen and more.
- We organize different social events like BBQs, Pubnights or Beer-Pong-Tournaments :)
- We offer you a collection of learning materials like for example old exams, books, lecture notes.
- We help you if you have any problems with your professors or studies.

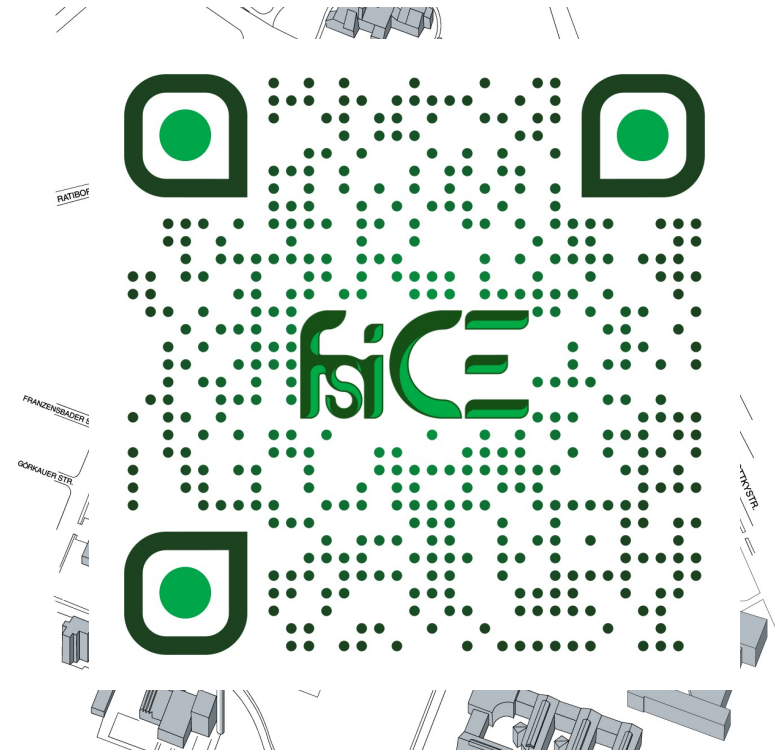


Via E-Mail: fsi-ce@fau.de

Online: www.ce.fsi.fau.de

In Our Room: ~~02.133-113~~
(~~Computer Science Building~~)


Write us an e-mail or drop by if you're in
Erlangen 😊



Transition Studies Engineering (TSE, CE)

Online Tools

<https://youtu.be/IMEg2XEf3ik>

 *mein campus*

IdM-Portal

UnivIS

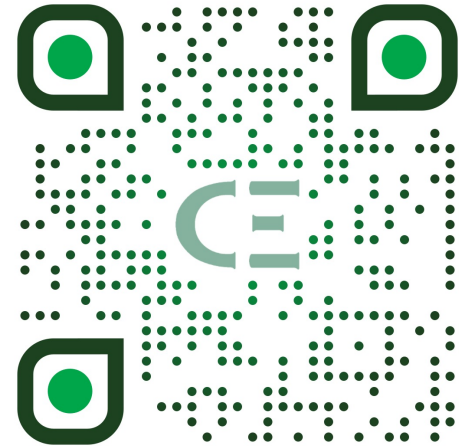
— STUD ON —

TSE 

IdM portal: www.idm.fau.de Manage your personal data!

An IdM login is required for nearly all personalized online services at FAU...

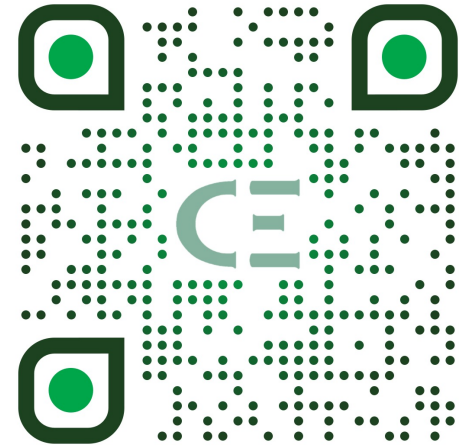
- Activate your **IdM account** with the activation password mailed to you!
- Upload a photo to generate your student ID card – **it will be sent to your semester address!**
- Problems: service counter/“Service-Theke“ RRZE (Computation Center): next to blue computer science tower (Martensstraße 1), 1st floor
- **All important information regarding your studies will be sent to your FAU e-mail address!**



Mein Campus: Manage Your Exams!

Login: <https://www.campus.fau.de>

- “Single Sign-On”
- **Prüfungen** (*Exams*)
 - Exam registration (when active – registration:
 November 30, 2021 – December 13, 2021; preliminary)
 - Withdrawal from exams:
three working days before the exam date (Mon–Fri)
 - Overview of registered exams
 - Overview of grades and acquired ECTS credits



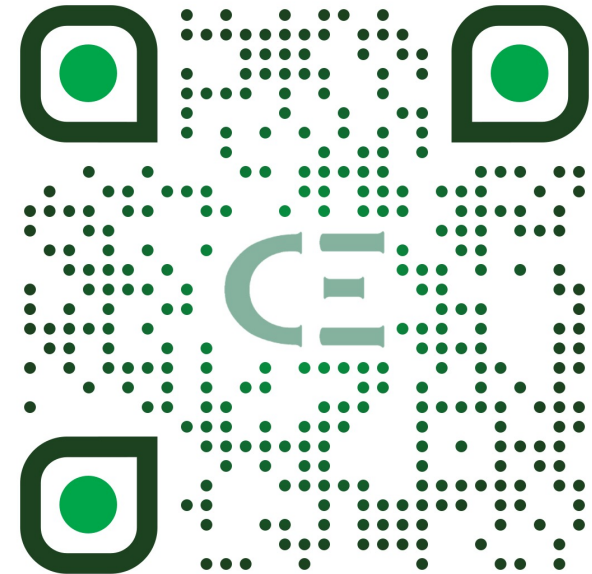
StudOn: Our E-learning platform

Login: <https://www.studon.fau.de>

- Often used for courses that require registration (seminars, practical courses)
- Platform for sharing course materials

The screenshot shows the StudOn user interface. At the top, there is a navigation bar with 'FAU UnivIS IdM mein campus' and utility icons. Below this is the 'STUDON' logo and menu items: 'Schreibtisch', 'Angebote', and 'Hilfe'. The main content area is titled 'Übersicht' (Overview) and contains three panels:

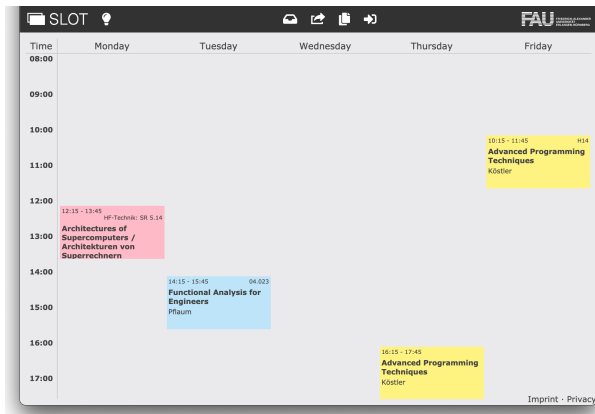
- Kalender (Calendar):** Lists upcoming events such as 'Numerik 2 für Ingenieure (2017) (Kursend...)' on Oct 31, 'Advanced Simulation Technology [AdvST] (...)' on Dec 31, and 'Numerical Methods in Thermo-Fluid Dynam...' on Apr 13. A 'iCal' button is visible at the bottom of this panel.
- Ausgewählte Angebote (Selected Offerings):** Displays a list of courses under the heading 'Lern- und Arbeitsgruppen'. The first entry is 'TechFak Hörsaalkino'. Below it, under 'SS 2020', are 'Advanced Simulation Technology [AdvST]' and 'Numerical Methods in Thermo-Fluid Dynamics I'.
- Mail:** Shows a notification for '(1-5 von 20) weiter'.



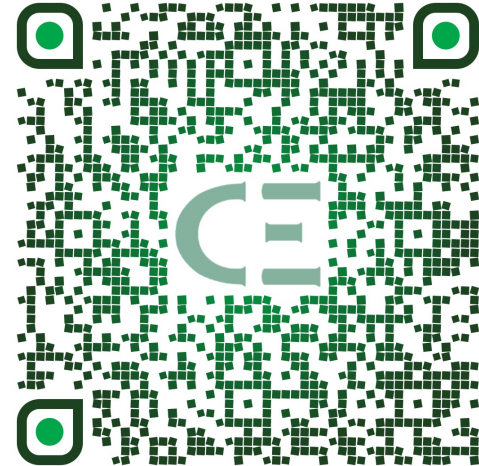
UnivIS and SLOT: Create your timetable

Create your timetable either with UnivIS
(<https://univis.fau.de>) or with SLOT (<https://slot.cs.fau.de>).

We prepared an exemplary timetable for you,
available under <https://slot.cs.fau.de/26673/>



- On our slack channel, you can easily network with other students and your student representatives.
- Just join our Slack Channel and then the room **#tse21**.
- We will also post information of the Student Association there.



CIP: The Community Computer Pool

Registration: <https://account.cip.cs.fau.de/>

- Reference system for most of the assignments
- Possible workspaces, seat reservation mandatory via <https://www.reserve.cs.tf.fau.de/>
- Access to our material collection/Registration via FSI CE

Login: <https://remote.cip.cs.fau.de/>



Transition Studies Engineering (TSE, CE)

What's next?

TSE CE

What's next?

1. Compile your class schedule

→ UnivIS

Introduction: https://www.medical-engineering.study.fau.eu/files/2018/09/univis-stundenplan_engl_2-converted.pdf
<https://slot.cs.fau.de/>

2. Register for courses – only if needed (information in UnivIS):

usually via StudOn (see registration link on the respective lecture page in UnivIS)
If registration is not required, simply go to the first meeting.

3. Register for exams → MeinCampus

What's next?

4. **Re-register for SS 2022**
→ bank transfer – details via **e-mail (t.b.a.)**

5. **Study & pass exams** → study groups, time management, practice with old exams

6. **Actively report on your conditional subjects**
→ Examinations Office (Mrs. Barthelmann)

7. **Get your semester ticket: <https://shop.vgn.de/index.php/product/518/show>**

8. **Next full meeting: November 11, 2022.**

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Q&A

It's time for your questions!!!



TSE CE