Vienna University of Technology

E-Learning,
E-Learning Centre

Franz Reichl

History: 1980-2003

- **University Extension Centre:**
  Synergy:
  +Research Information
  +Technology Transfer (University-Industry Co-op.)
  +Continuing Education
  +International Relations

  projects on distance education for Continuing Educ.

- **Audio-Visual Media Centre**

Projects (University Extension Centre):

- continuing education courses (business plan for start-up companies, process management, eco-design)
- FACILE:
  development of a system for blended learning with active online-support in continuing engineering education
- ICETEL: best practice of E-Learning in continuing education

Projects (different departments):

- iChemLab, iChemLecture, iChemEdu
- Modulor
- Media Library for Architecture and Regional Planning
- NUPEX, CISCI
- eBooks
- MobiLearn
- ...

- ideas: international exchange of contents

Projects:

- innovative didactical scenarios
- valuable experiences and expertise
- based on individual initiative

- missing: institutional strategy
- missing: sustainability

- goal: „institutionalise“ E-Learning

Re-Organisation 2004

- **4 successor units of Univ. Extension Centre:**
  Technology Transfer
  International Relations
  EU Research Management
  E-Learning Centre

- **new Continuing Education Centre:**
  post-graduate courses and programmes
  audio-visual media

Change with Re-Organisation

- development of separate centres
- support of activities by adequate org. structure
- service orientation instead of project orientation
- sustainability
- addressing (primarily) initial study
  (instead of continuing education)

E-Learning Centre

- central service unit for
  Vienna University of Technology

- **tasks:**
  information and networking among teachers
  events (e-learning days,...)
  support for teachers
  co-operation with other universities
  initiate projects

- small steps, no big investments by the university

E-Learning Centre

- **short term activities:**
  information (Internet Portal, events)
  networking
  E-Learning elements in initial study

- **medium- to long term activities:**
  service and support
  additional target groups

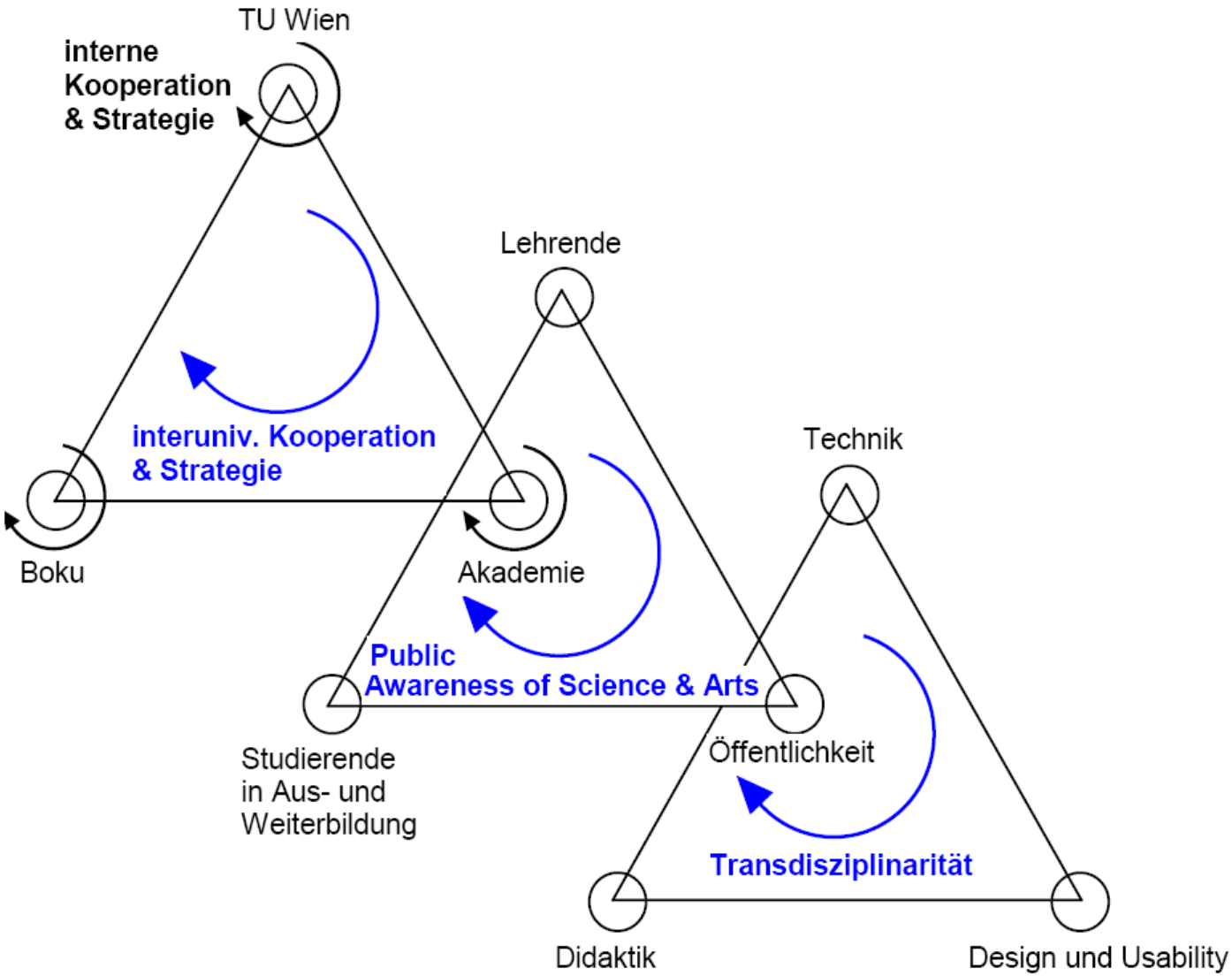
- **targets:**
  (single) centrally supported LMS
  increase of quality
  E-Learning [to become a] „habit“

E-Learning Board

- founded parallel to E-Learning Centre
- members:
  representatives of different study areas,
  experienced in E-Learning
  director of E-Learning Centre
  director of IT-Centre
- **tasks:**
  advice and support to E-Learning Centre
  link to university management
  deal with strategic aspects of E-Learning

Delta 3

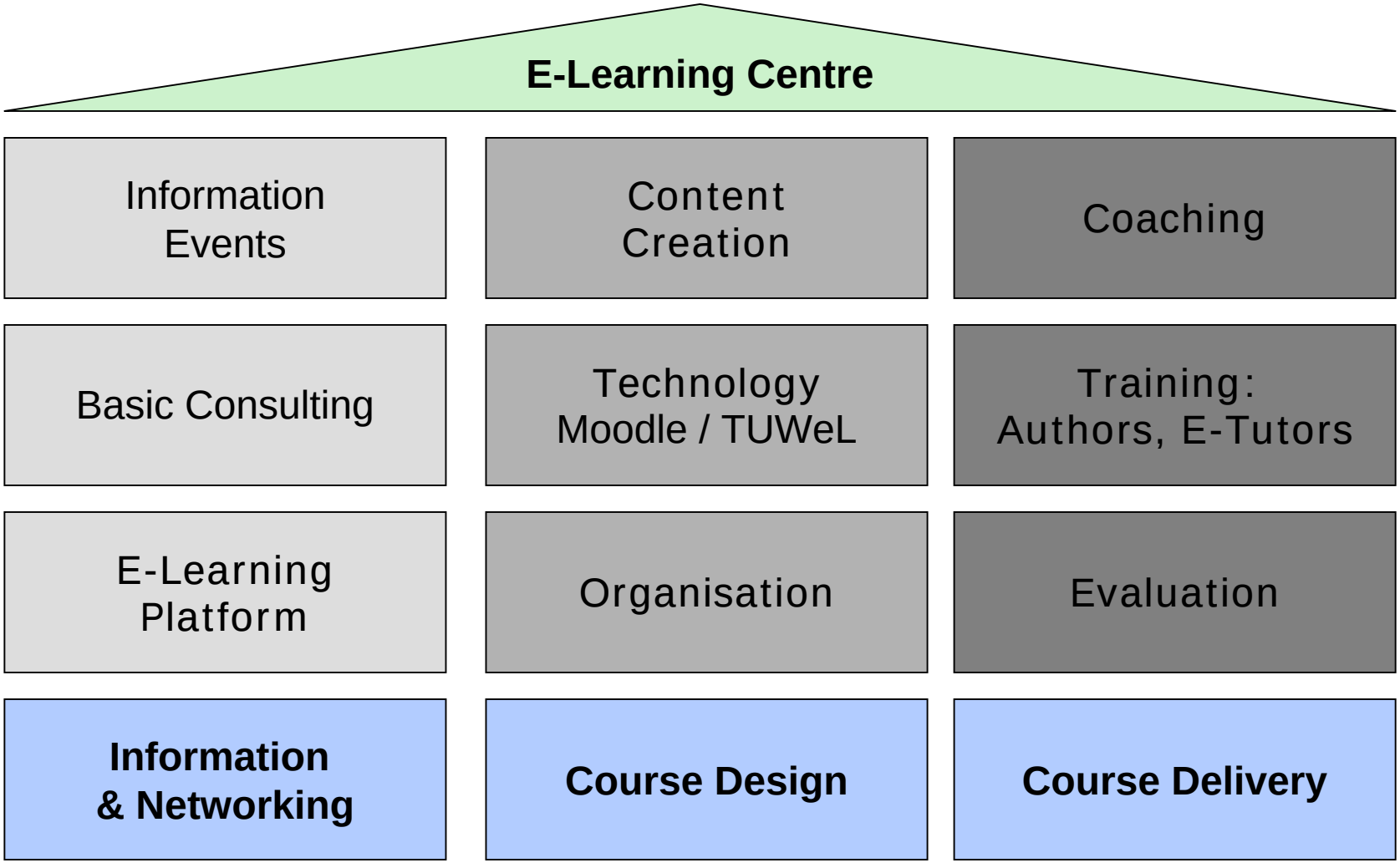
- **3 partners:**
  Vienna University of Technology
  Univ. of Natural Resources & Applied Life Sciences
  Academy of Fine Arts, Vienna
- **3 target groups:**
  teachers
  learners in initial and continuing education
  general public
- **3 areas of competence:**
  didactics
  technology
  design & usability


TU Wien
interne
Kooperation
& Strategie
Lehrende
interuniv. Kooperation
& Strategie
Technik
Boku
Akademie
Public
Awareness of Science & Arts
Studierende
in Aus- und
Weiterbildung
Öffentlichkeit
Transdisziplinarität
Didaktik
Design und Usability

Delta 3

- project supported by the Federal Ministry for Education, Science and Culture in the framework of the programme e-learning/e-teaching Strategies at Universities and Fachhochschulen
- (further) develop and implement strategies
- tie existing initiatives together
- co-operation in content and curricula development
- multi-level support-network
- create interest of general public and future students
- gender mainstreaming, diversity, and accessibility
- create innovative climate

E-Learning - Services



Goals

- further development of access to knowledge
- broad availability of material
- improving the quality of teaching
- upgrade sharing of online-offers
- co-operation with partners

Students

Teachers

Institution

Benefits for the Institution:

- improvement of quality and efficiency
- efficiency in time, space and finances
- transparency, standardisation
- reach well-prepared new students
- simplification/improvment of administration
- synergies (continuing ed., industry, PR)
- long-term return on investment
- profile/attractiveness of university
- attract additional learners

Benefits for Teachers:

- less obstacles in the usage of E-Learning: support, consulting, training, coaching
- individualization of teaching
- innovative methods
- national and international networking

Benefits for Students:

- intensified learning processes
- more transparent demands
- better comprehensibility of complex contents
- immediate feedback
- „virtual mobility“:
  participation in international courses
- more flexibility

Added Value:

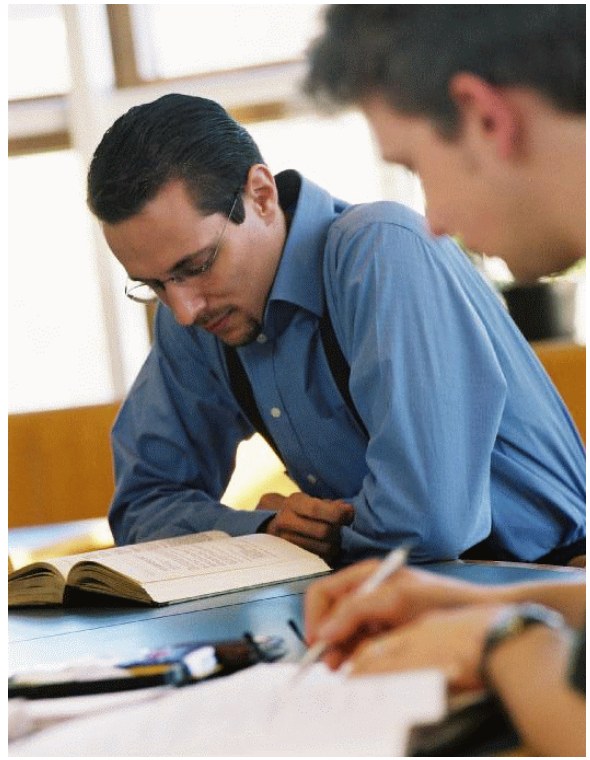
- common use of resources
- simplification of organisation
- reduction of administrative effort
- fostering collaborative work
- improvment of student support

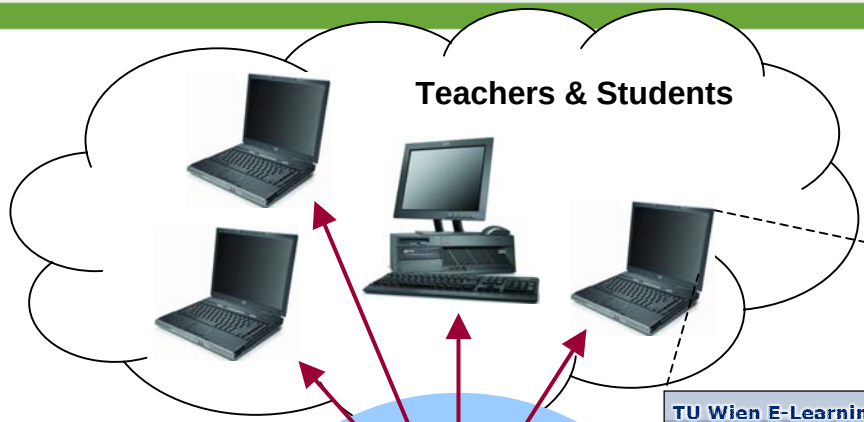
Activities 2005/2006:

- E-Learning Services
- Learning Management System „TUWEL“
- E-Learning Days:
  teacher-to-teacher networking and information presentation of E-L Centre‘s services
- personnel development programme for teachers
- requirements analysis
- evaluation of courses

E-Learning Services

- consulting
- workshops
- information events
- helpdesk
- TUWEL Online Learning Environment
  Moodle & TUWIS++ integration



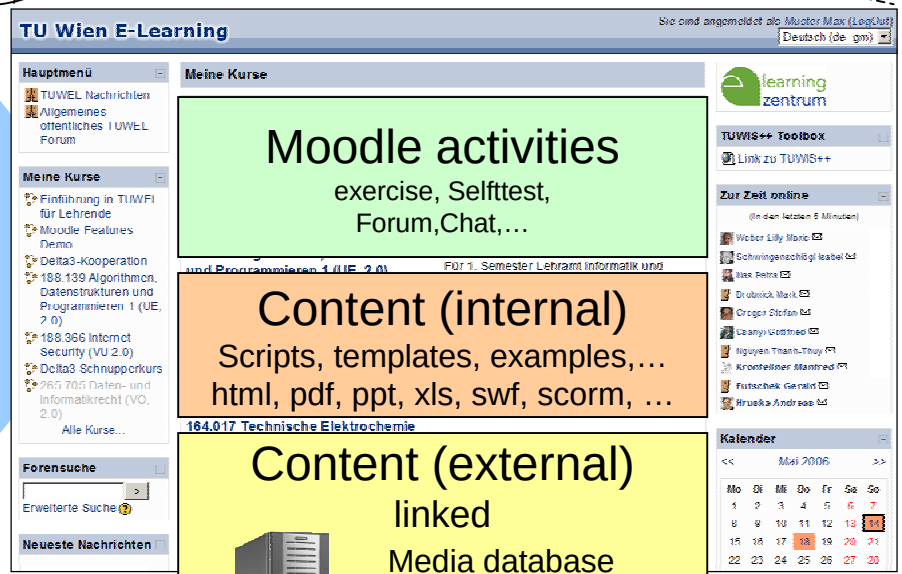


Authentication
course registration & groups

results of exams

ZID-Auth.
TUWIS++

TUWEL
Moodle



Moodle activities
exercise, Selfttest,
Forum,Chat,…

Content (internal)
Scripts, templates, examples,…
html, pdf, ppt, xls, swf, scorm, …

Content (external)
linked

Media database
iChemlab
CMS / Website
…

elearning zentrum

TUWEL Services
consulting for development
content creation support

https://tuwel.tuwien.ac.at/

TU Wien E-Learning

Sie sind nicht angemeldet. (Login)

TUWEL » Login Deutsch (de_gm)

Hier kommen Sie zu Ihrer Kursseite

Zugang mit TU-Passwort

Login

	Studierende	MitarbeiterInnen*
Benutzername	*Matrikelnummer* *z.B.: 0226703*	*Familienname Vorname/Institutskurzzeichen* *z. B.: Mustermann Max/E000*
Passwort	Ihr TU-Passwort (siehe auch TU-Passwort FAQ)	

* Bei Eindeutigkeit kann der Vorname bzw. das Institutskurzzeichen entfallen. Die Schreibweise muss den White Pages Richtlinien entsprechen.

Alternativanmeldung

Zugang für BenutzerInnen mit vom E-Learning Zentrum eingerichtetem Login und Passwort:

BenutzerInnenname:

Passwort:

Login

Kontakt technischer Support support@elearning.tuwien.ac.at

TU Wien E-Learning

Sie sind angemeldet als Muster Max (LogOut)

Deutsch (de_gm)

Hauptmenü

- TUWEL Nachrichten
- Allgemeines öffentliches TUWEL Forum

Meine Kurse

- Einführung in TUWEL für Lehrende
- Moodle Features Demo
- Delta3-Kooperation
- 188.139 Algorithmen, Datenstrukturen und Programmieren 1 (UE, 2.0)
- 188.366 Internet Security (VU 2.0)
- Delta3 Schnupperkurs
- 265.705 Daten- und Informatikrecht (VO, 2.0)

Alle Kurse...

Forensuche

>

Erweiterte Suche

Meine Kurse

Einführung in TUWEL für Lehrende

Autor: Csanyi Gottfried
Autorin: Kriegshaber Ursula
Autor: Hruska Andreas

Einführung in *TUWEL* für Lehrende
Der Online-Teil des Blended Learning Kurses

Moodle Features Demo

This course outlines Moodle's features by providing examples of all the main sorts of activities and types of content that Moodle offers in an easy-to-browse form.

188.139 Algorithmen, Datenstrukturen und Programmieren 1 (UE, 2.0)

Teacher: Futschek Gerald

Für 1. Semester Lehramt Informatik und Informatikmanagement
Information & Anmeldung in tuwis++

188.366 Internet Security (VU 2.0)

Teacher: Weippl (old user) Edgar
Teacher: Weippl Edgar

Registration requires 2 steps:

1. Register with TUWIS for the group IS
2. Register with TUWIS for the exam

164.017 Technische Elektrochemie

Professor: Fleig Jürgen

Information und Anmeldung in TUWIS++

252.058 Studio Gebäudelehre (VO, 1.5)

TrainerIn: Falkner Christoph
TrainerIn: Wolff-Plottegg Manfred

Beschreibung und Anmeldung im TUWIS++

TUWIS++ Toolbox

Link zu TUWIS++

Zur Zeit online

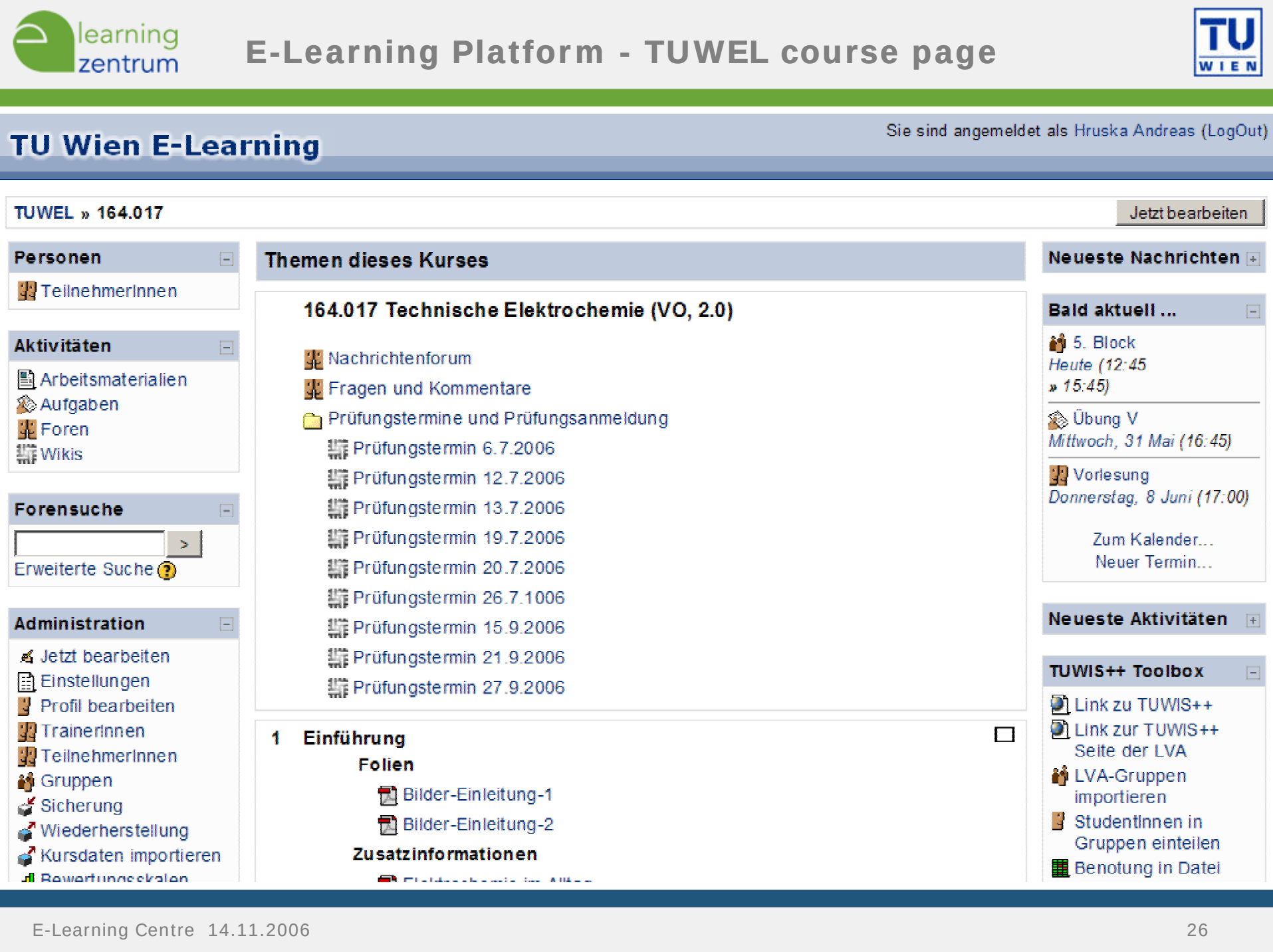
(In den letzten 5 Minuten)

- Weber Lilly Marie
- Schwingenschlögl Isabel
- Ilias Petra
- Drobnick Mark
- Greger Stefan
- Csanyi Gottfried
- Nguyen Thanh-Thuy
- Kronfellner Manfred
- Futschek Gerald
- Hruska Andreas

Kalender

<< Mai 2006 >>

Mo	Di	Mi	Do	Fr	Sa	So
1	2	3	4	5	6	7
8	9	10	11	12	13	14



TU Wien E-Learning

Sie sind angemeldet als Hruska Andreas (LogOut)

TUWEL » 164.017

Jetzt bearbeiten

Personen
- TeilnehmerInnen

Aktivitäten
- Arbeitsmaterialien
- Aufgaben
- Foren
- Wikis

Forensuche
>
Erweiterte Suche

Administration
- Jetzt bearbeiten
- Einstellungen
- Profil bearbeiten
- TrainerInnen
- TeilnehmerInnen
- Gruppen
- Sicherung
- Wiederherstellung
- Kursdaten importieren
- Bewertungsskalen

Themen dieses Kurses

164.017 Technische Elektrochemie (VO, 2.0)

- Nachrichtenforum
- Fragen und Kommentare
- Prüfungstermine und Prüfungsanmeldung
  - Prüfungstermin 6.7.2006
  - Prüfungstermin 12.7.2006
  - Prüfungstermin 13.7.2006
  - Prüfungstermin 19.7.2006
  - Prüfungstermin 20.7.2006
  - Prüfungstermin 26.7.1006
  - Prüfungstermin 15.9.2006
  - Prüfungstermin 21.9.2006
  - Prüfungstermin 27.9.2006

1 Einführung

Folien
- Bilder-Einleitung-1
- Bilder-Einleitung-2

Zusatzinformationen
- Elektrochemie im Alltag

Neueste Nachrichten

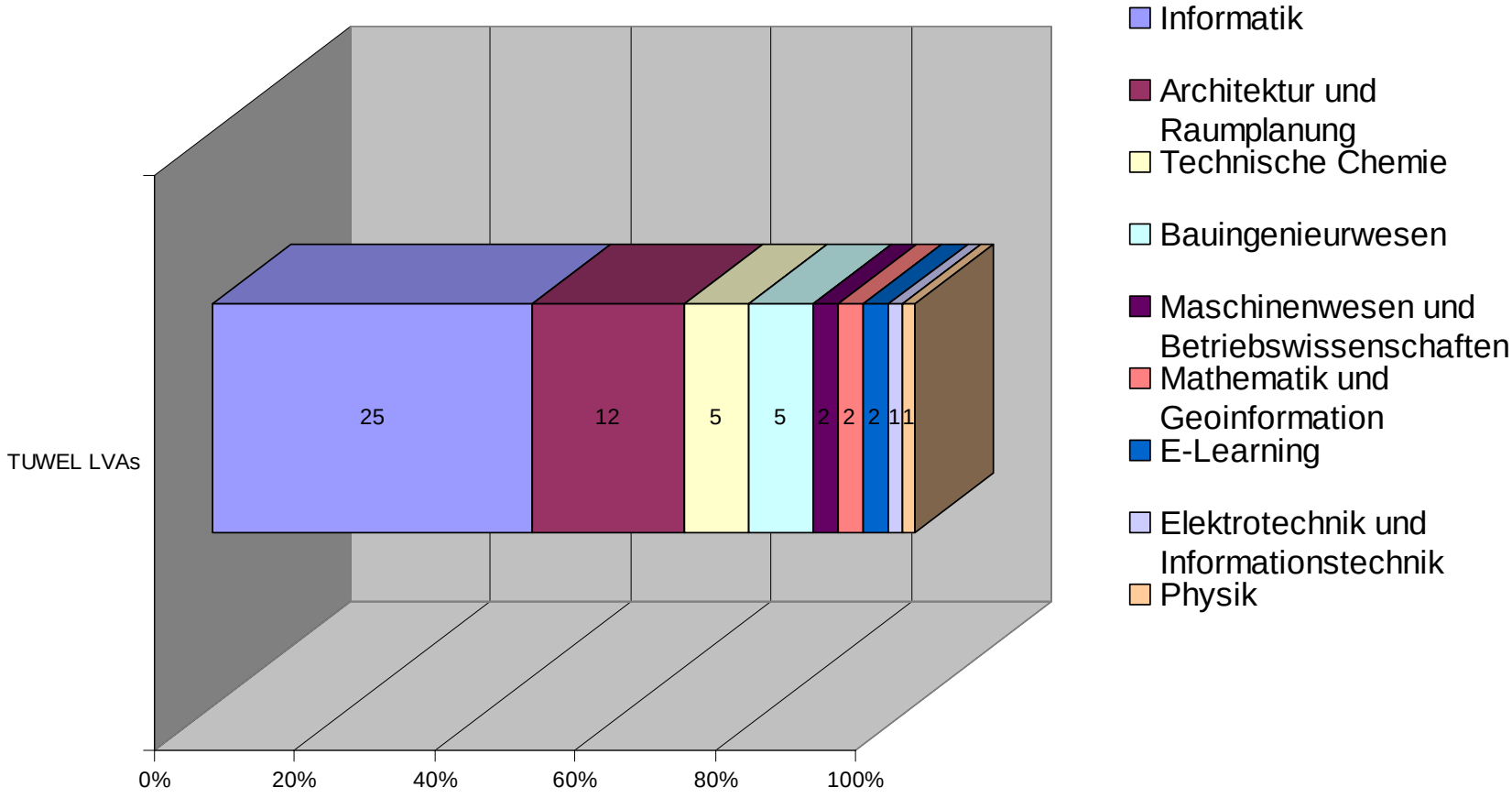
Bald aktuell ...
- 5. Block
  Heute (12:45 » 15:45)
- Übung V
  Mittwoch, 31 Mai (16:45)
- Vorlesung
  Donnerstag, 8 Juni (17:00)

Zum Kalender...
Neuer Termin...

Neueste Aktivitäten

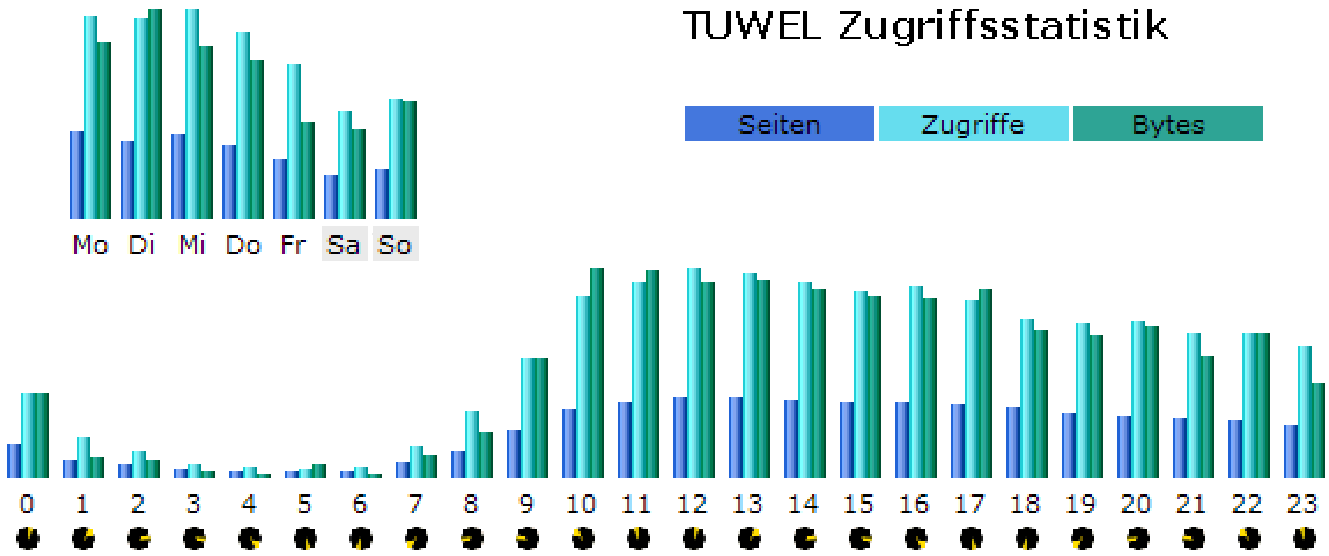
TUWIS++ Toolbox
- Link zu TUWIS++
- Link zur TUWIS++ Seite der LVA
- LVA-Gruppen importieren
- StudentInnen in Gruppen einteilen
- Benotung in Datei

100 Teachers and Tutors
55 Courses in SS 2006



TUWEL user statistics April 2006

- 3000+ active users
- 15.000+ visits / month
- 500.000+ sites / month



http://elearning.tuwien.ac.at/

Upcoming Activities:

- E-Learning Starter-Kit
- Train the Trainer Programme (started in September)
- extension of E-Learning WebSite
- faculty-specific E-Learning requirements-analysis
- further development of Services
- further development of TUWEL
- Public and Junior Academy of Arts and Sciences

Elements of an E-Learning Strategy:

- E-Learning Centre and E-Learning Board
- Entwicklungsplan der TU Wien
  http://www.tuwien.ac.at/leitung/doc/ep.pdf

  one page about E-Learning

  several goals related to E-Learning
- E-Learning Award
- new curricula and lectures must have E-Learning elements

Future Structure:

- central E-Learning/E-Teaching support services (support, coaching, technology,...)
- decentral network of assisstants

Thank you for your attention!
In the name of the whole team at the E-Learning Centre – Vienna University of Technology