

megadigitale

media based teaching and learning at the Goethe-Universität Frankfurt
Project to implement the eLearning-Strategie studiumdigitale



eLene Forum 17.4.08
Preparing universities
for the ne(x)t generation
of students



Characteristics



5 Campus locations
35.000 Students
170 Study Programs
600 Professors
2.200 Teaching Assistants,...



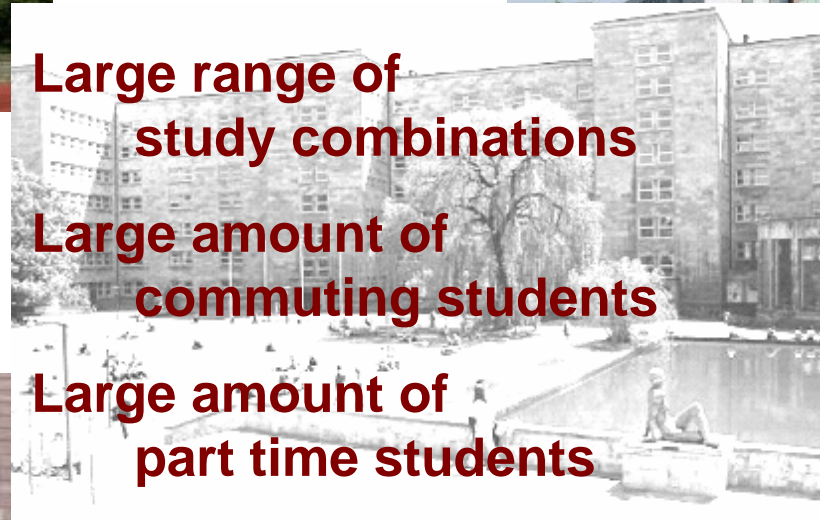
Characteristics



**Large range of
study combinations**

**Large amount of
commuting students**

**Large amount of
part time students**

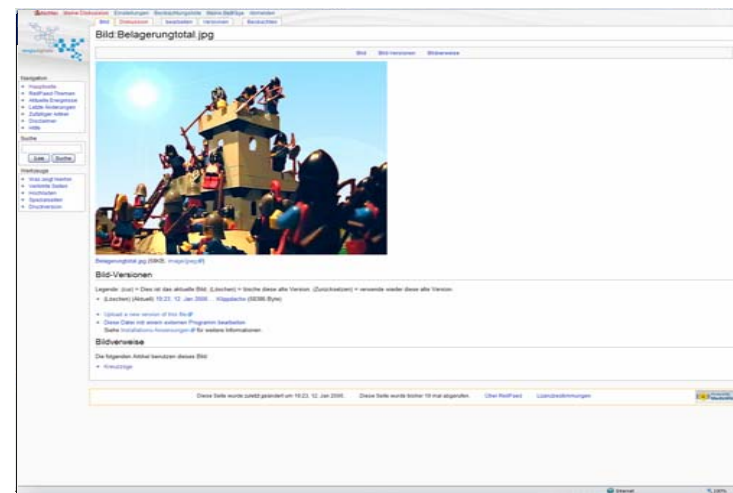


Objectives

Improving the teaching and study conditions at the university through the implementation of new media

Examples

- Supporting courses by the digital provision of material
- Recording lectures
- Online exercises, eTests
- Tools for online cooperation
- Online SelfAssessment
-



Prof. Dr. Detlef Krümker: V00_PRG1_18_10_2006 - Player

Datei Ansicht Steuerung Extras ?

Struktur Suchen

- 22:26 Das Informatik Studium gestern und heute
- 23:09 Rahmenprüfungsordnung für das Diplom
- 23:59 Die Veränderungen ... gemäß den Empfehlungen des...
- 24:43 Das wirklich Wichtige:
- 25:24 Übersicht
- 25:37 Was sind Informatiker?

Die Veränderungen ... gemäß den Empfehlungen des Fakultätentages und GI-Empfehlungen

Klassische Einteilung	moderne Einteilung
Theoretische Informatik	Grundlagen der Informatik
Technische Informatik	Informatik der Systeme
Praktische Informatik	
Angewandte Informatik	Angewandte Informatik

20 Programmiers 1 – Teil 1 – VO WS 2006/2007 Prof. Dr. Detlef Krümker Hier wird Wissen Wirklichkeit

0:23:59

Vollbild Video Struktur



Navigation

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Bild:Belagerungtotal.jpg

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[Belagerungtotal.jpg](#) (58KB, image/jpeg [↗](#))

Bild-Versionen

Legende: (cur) = Dies ist das aktuelle Bild, (Löschen) = lösche diese alte Version, (Zurücksetzen) = verwende wieder diese alte Version.

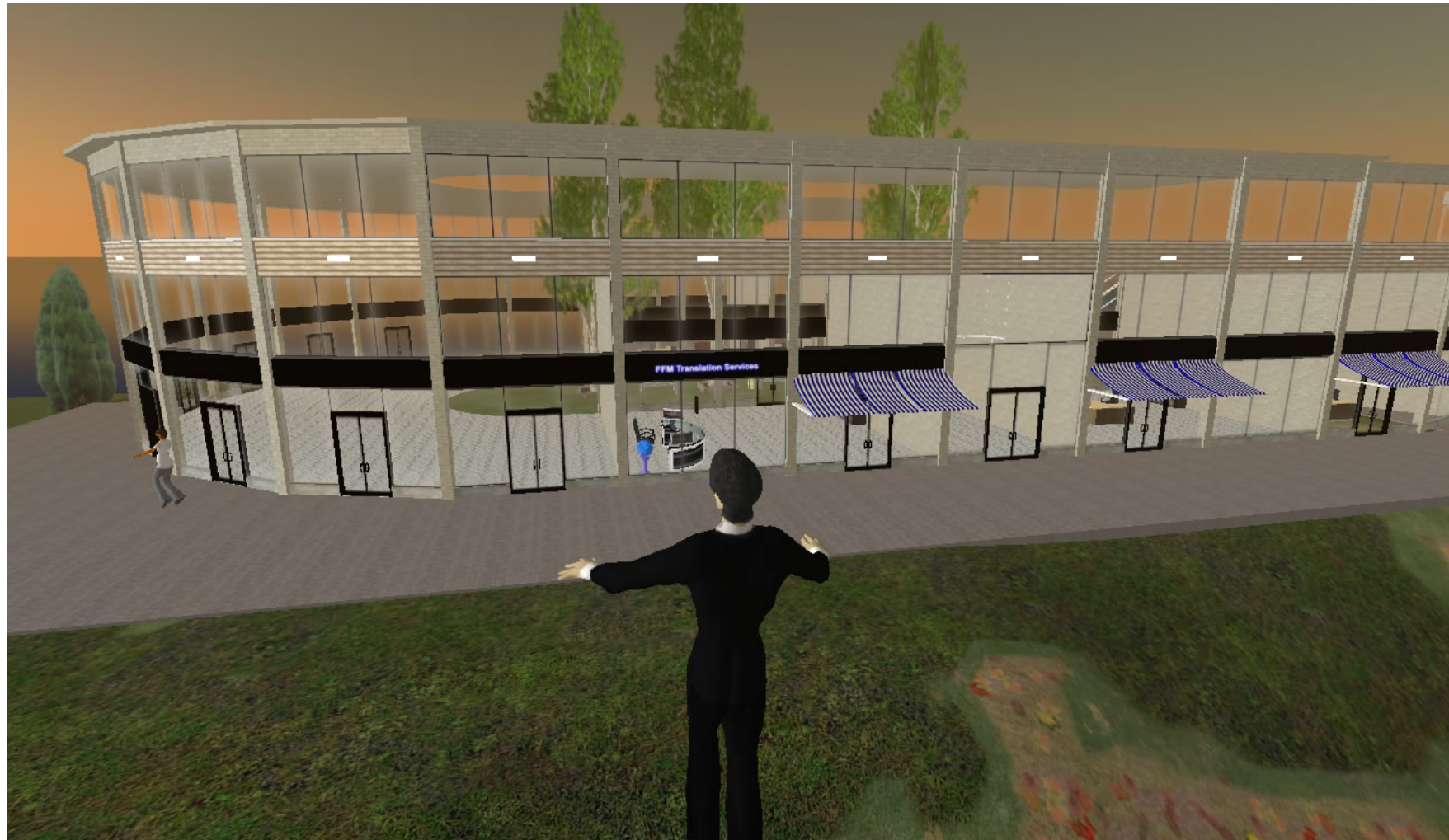
- (Löschen) (Aktuell) 19:23, 12. Jan 2006 . . [Klippdachs](#) (58386 Byte)

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Siehe [Installations-Anweisungen](#) [↗](#) für weitere Informationen

Bildverweise

Die folgenden Artikel benutzen dieses Bild:

- [Kreuzzüge](#)



Szenarios



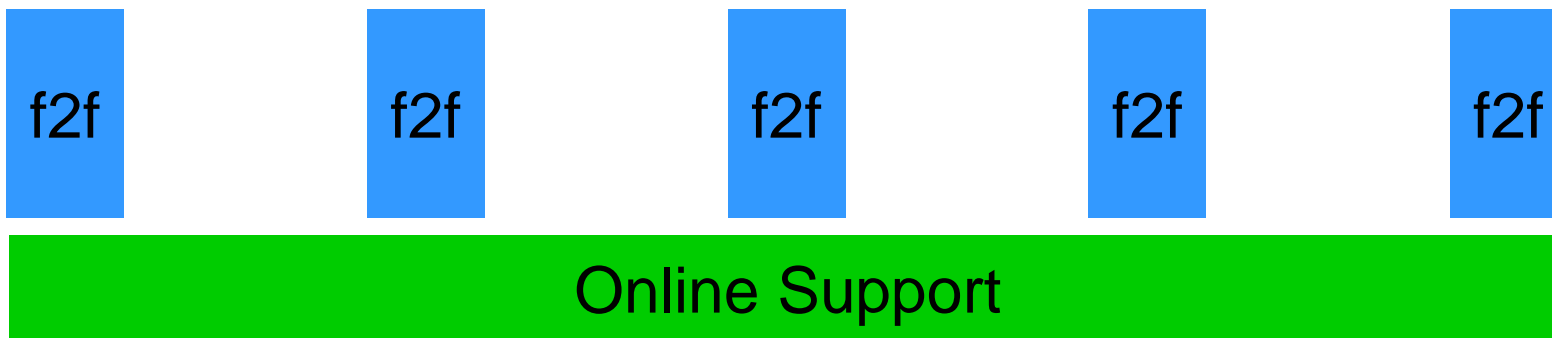
increasing online support

Support & enrich
f2f-teaching

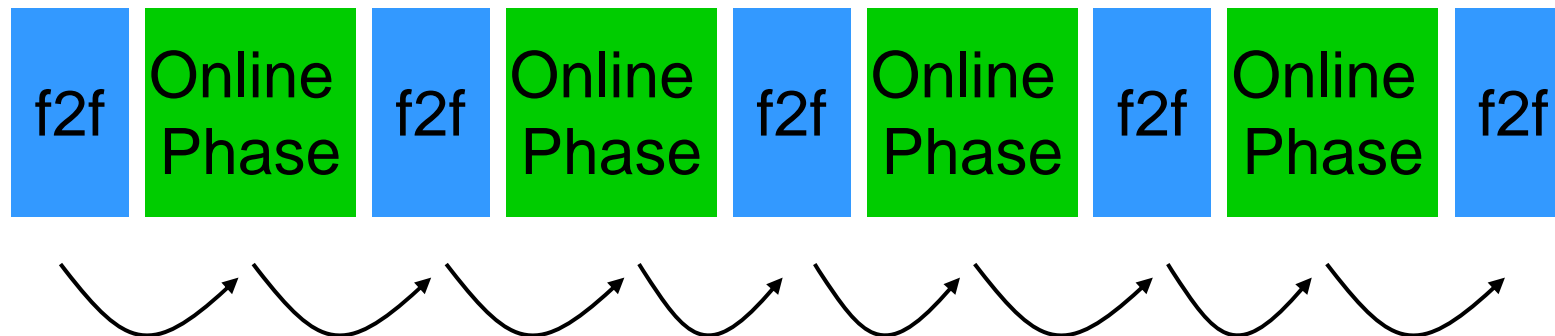
Blended
Learning

Online
Learning

Enrichment



Blended Learning

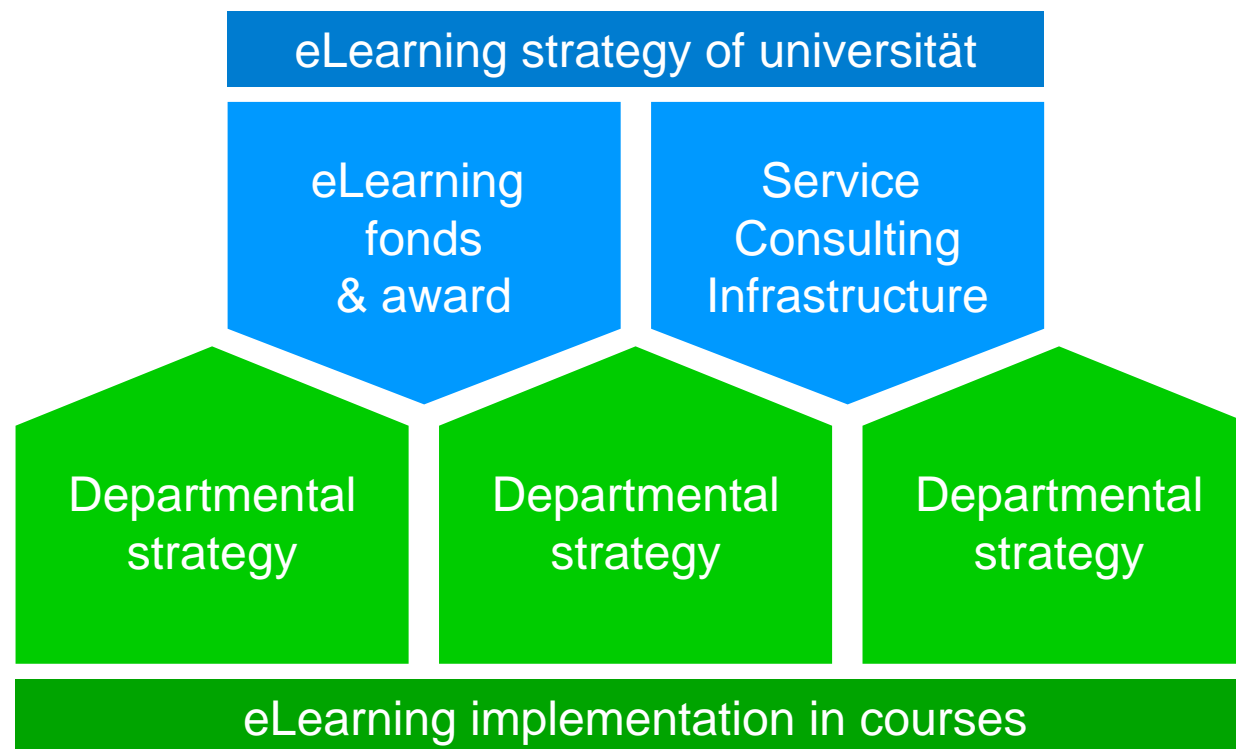


TopDown and BottomUp

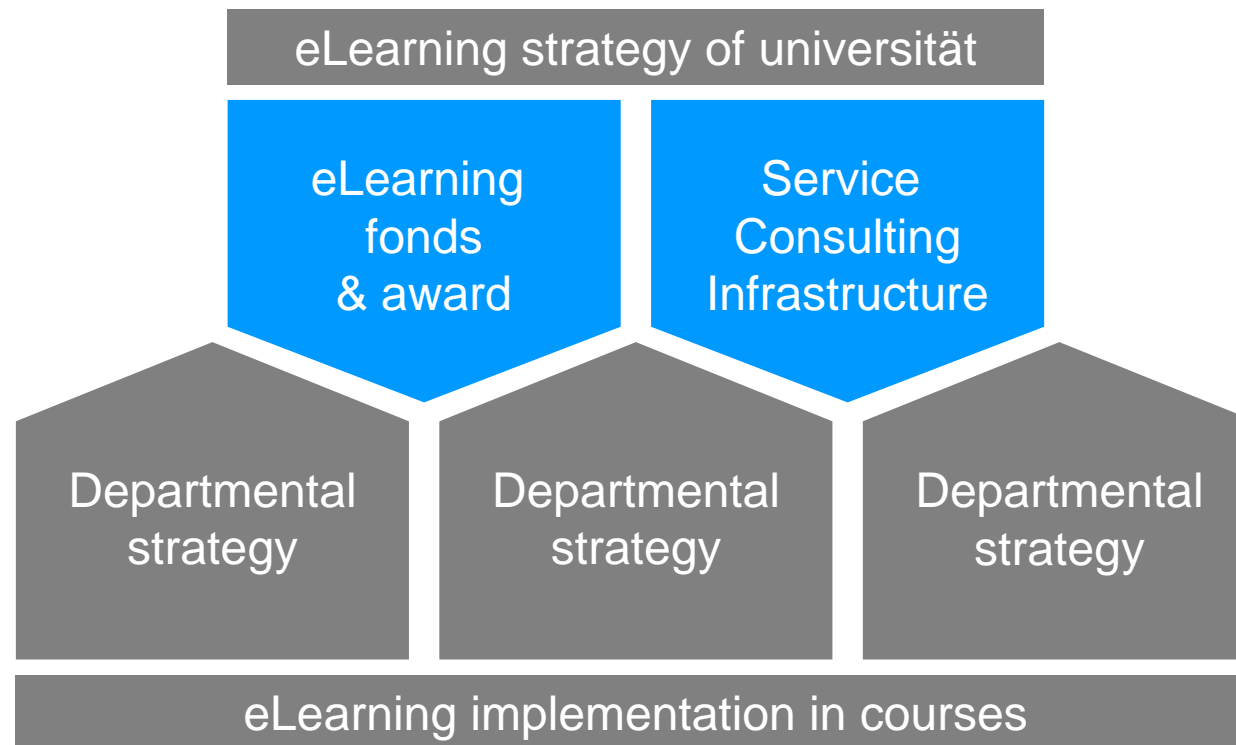
TopDown

BottomUp

TopDown and BottomUp!



Community and networking



Community and networking

eLearning strategy of universität

eLearning
fonds
& award

Service
Consulting
Infrastructure

- Learning Management System, Wiki, Weblog, ...
- Recording of lectures, production of videos
- eLearning content production, authoring tools
- „Experimentierstube“ – „experimental lab“
- Consulting, qualification, workshops, certificate
- „Open multimedia days“

Step by step implementation

Step 1 Departments

Geowissenschaften

Informatik & Mathematik

Katholische Theologie

Medizin

Step 2 Departments

Erziehungswissenschaften

Evangelische Theologie

Kulturwissenschaften

Neuere Philologien

Physik

Psychologie & Sportwissenschaften

Chemie, Biochemie, Pharmazie

Gesellschaftswissenschaften

Geschichtswi. & Philosophie

Wirtschaftswissenschaften

Step 3 Departments

Biowissenschaften

Rechtswissenschaften

Management view – Change Management

Organisational development by communication & team work

Management of university

- Strategy
- collegium studiumdigitale
- HIS Consultance

Departments and central service institutions

- Information Days
- Newsletter, Webpages, Weblog
- University Newspaper, Flyer,...

„eLearning people“

- eLearning fonds and award
- Consulting, Infrastruktur, Support
- Multimedia Days, Workshops,...

„megadigitale people“

- Monthly/Yearly Meeting
- Working Groups

Students

- Workshops, Student Consultants
- eCompetence Night/Afternoon,...

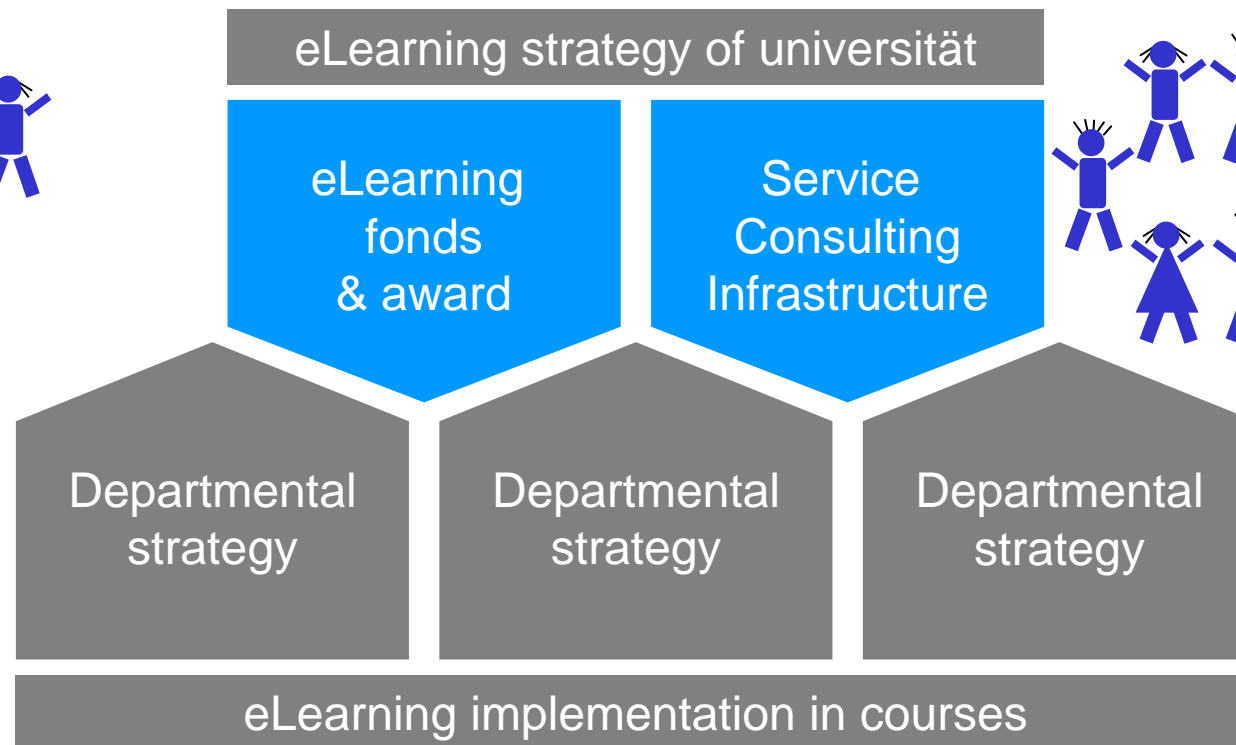
Management view – Change Management

Organisational development by communication & team work



Weekly meetings
of central core team

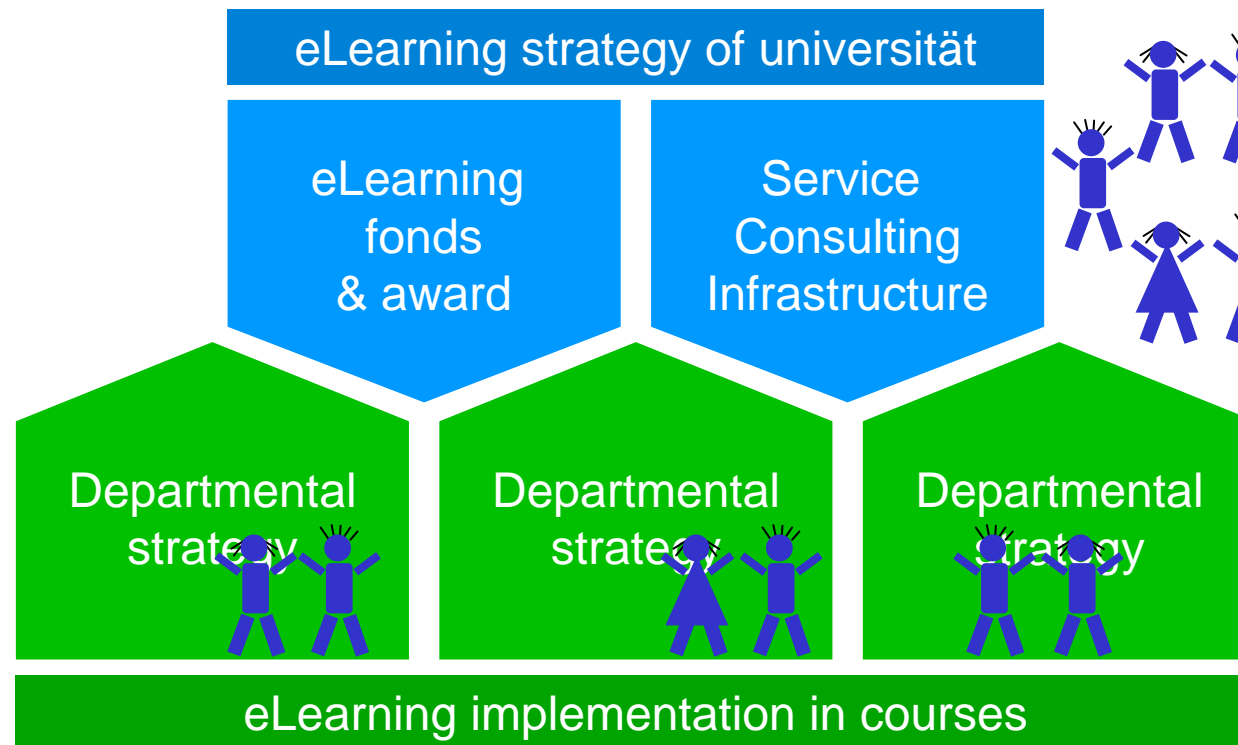
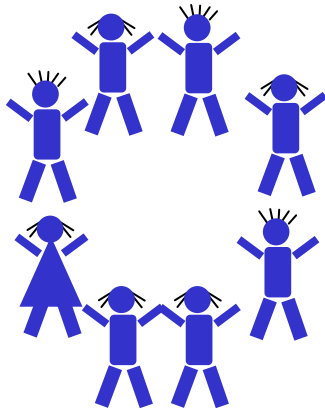
Community and networking





Community and networking

Monthly meeting of all team members





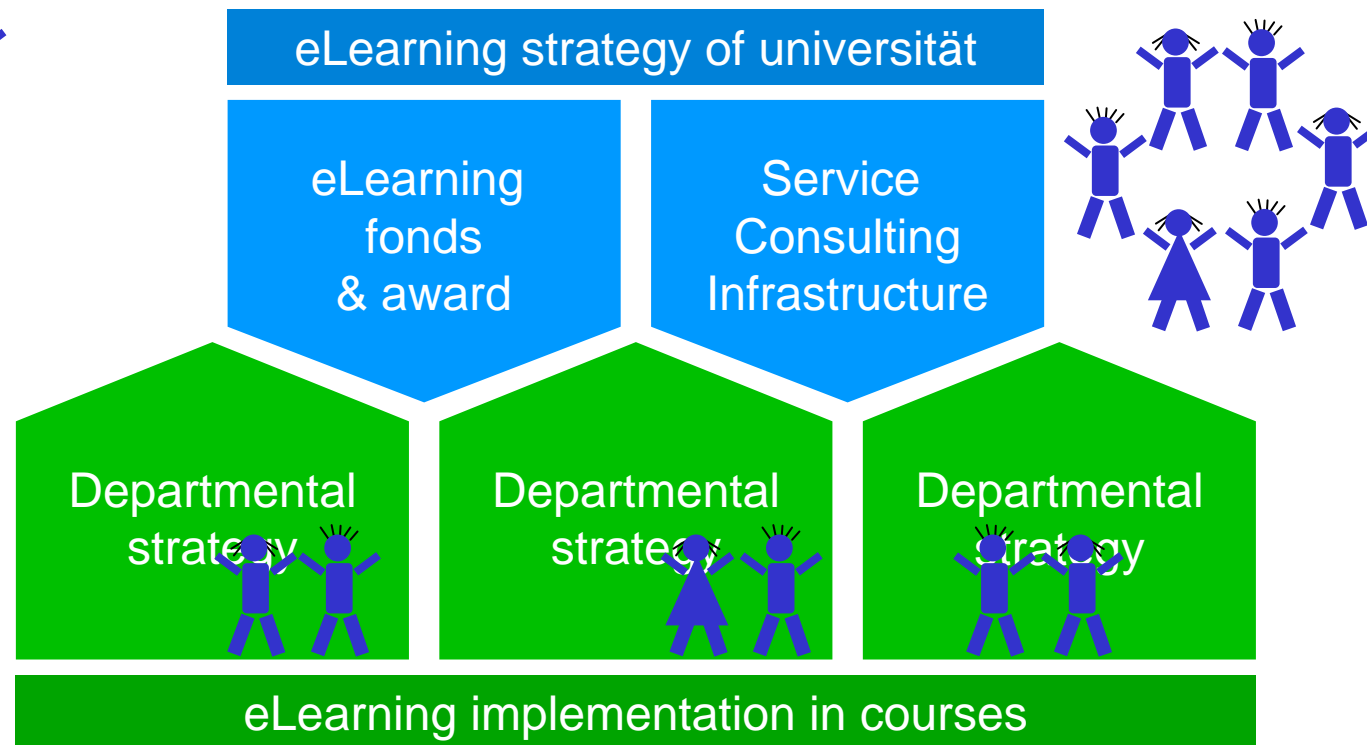
9 working groups



Community and networking



Monthly open
multimedia days

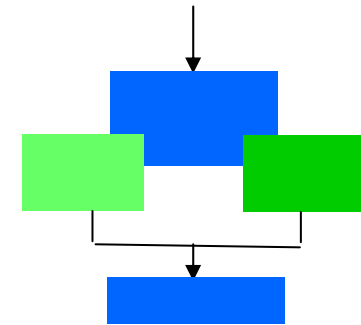




Certificates

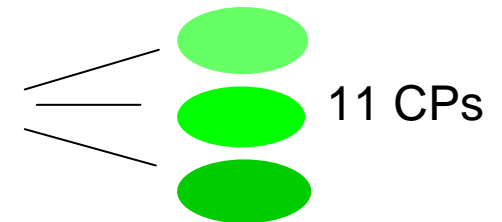
Teachers

- eLearning Certificate for teaching staff (becomes a state wide certificate now)
- Teaching Certificate for teaching staff



Students

- Media Competence Certificate for students who become future school teachers
- ePortfolios
future: throughout their professional career



Future

- eLearning research and service combined
- eLearning needs to be useful for students, to their style of using it -> incentive driven usage
- Not too many tools -> single sign on

Information and contact



The screenshot shows the website for the megadigitale project at Goethe University Frankfurt. The header includes the university logo and navigation tabs: Studium, Forschung, Internationales, Fachbereiche, **Organisation**, Über die Universität, and Aktuelles. A search bar is present with the text 'Suche Hier Suchbegriff eingeben' and a dropdown menu for 'Hier klicken für den Schnelleinstieg'. The main content area features a 'Willkommen ...' section with text about the project's goals and a 'KONTAKT' section with contact information for Claudia Bremer. A quote by Goethe is also visible: 'Unwissende werfen Fragen auf, welche von Wissenden vor tausend Jahren schon beantwortet sind.'

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