

How to coach exchange students at a distance?

the VM-BASE experience

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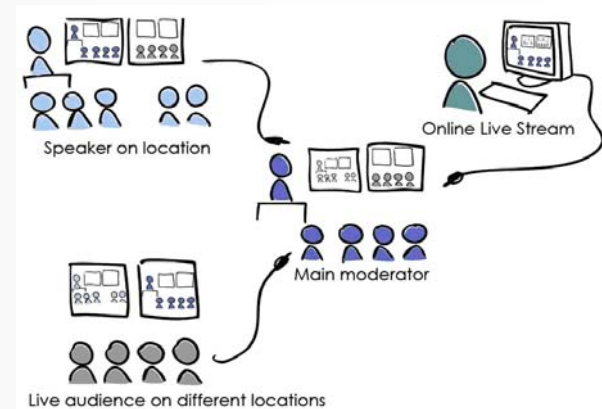


Choice between...

Physical mobility



Virtual mobility





Blended mobility

- The best of both worlds: blends aspects of physical mobility with virtual mobility
- Virtual support before, during and after a physical exchange

What is e-coaching?

- The human aspect of e-support (e-tutoring, e-moderating, e-coaching)
- **electronic-coaching**
 - Coaching: (Personal) guidance, not knowledge transfer (creating a context!)
 - Electronic: Through technology (internet, chat, e-mail, ...)
- Broad interpretation



- **Virtual Mobility Before and After Student Exchanges**
- Socrates – Minerva project (October 2006 - September 2008)
- Virtual preparatory and return initiatives for physical Erasmus exchanges, supporting teachers in coaching at a distance (e-coaching)



Project partners

- EuroPACE ivzw (BE)
- University of Leuven (BE)
- Coimbra Group ASBL (BE)
- Katholieke Hogeschool Leuven (BE)
- ESU European Students' Union (BE)
- University of Tartu (EE)
- BEST Board of European Students of Technology (FR)
- University of West Hungary – Faculty of Geoinformatics (HU)
- Helsinki University of Technology, TKK Dipoli (FI)
- Laurea University of Applied Sciences (FI)
- University of Edinburgh (UK)



State-of-the-art, needs

- Overview of the state-of-the-art in virtual exchange support measures
 - Previous studies
 - Partner organization analysis
 - Good practices
- Inventory of students' and teachers' needs and requirements
 - Previous studies
 - Questionnaires, interviews
 - Workshops with students and teachers

State-of-the-art

- Students' motivation:
 - Non-Erasmus students more academically-oriented.
 - Erasmus students: Meeting new people, practicing a foreign language and living in a foreign country.
- Incoming students paid more attention to than the outgoing students.
- Research oriented universities less flexible with their activities
- Institutional websites integral tool for disseminating key institutional information and for promoting institutional identities. Not always information in English.
- Cultural and linguistic support varies notably.

Needs (1)

- Provision of timely and adequate information
- Pre-exchange communication and activities between teachers and incoming students
- Students' access to internal services before and after the exchange. Lack of virtual tools requires improvement.
- Cultural and linguistic preparation.
- Culture shock or **reverse culture shock** seldom discussed or supported
- Linguistic preparation and support. Language testing.
- Continuous support and guidance **during** the exchange from the home institution lacking

Needs (2)

- Students go abroad also to study requires a lot more attention.
 - Recognition of studies, grading and availability of courses for exchange students are probably the top 3 concerns that students and teachers face.
 - Use of alternative assessment method to improve flexibility
- Contacts with other (exchange) students are valued more than alumni activities



Virtual support activities

BEFORE

- Orientation guidelines
- Course information
- Pre-selection tools & student selection
- Preparatory courses (language, (language, culture, digital literacy))



AFTER

- Virtual assessment and evaluation at a distance
- Virtual Alumni



Pilots for the preparatory phase

- **Virtual Buddy System**
Katholieke Hogeschool Leuven
- **Multimedia presentation and student interviews**
TKK Dipoli
- **Virtual tours through Leuven and its campuses**
Katholieke Universiteit Leuven
- **Virtual Window to Study Abroad**
University of Tartu
- **Go abroad!**
Laurea University of Applied Sciences
- **Virtual Exchange of Students Mobility Experience**
University of West-Hungary, Department of Geoinformatics
- **Multilingual Survival Kit in GIS**
University of West-Hungary, Department of Geoinformatics
- **Preparation tests and course for Master in Physiotherapy**
Katholieke Universiteit Leuven



Pilots for the follow-up phase

- **E-Assessment**
Katholieke Universiteit Leuven
- **Exam aquarium**
TKK Dipoli
- **Virtual feedback and information system**
Laurea University of Applied Sciences
- **Virtual Alumni**
Katholieke Hogeschool Leuven



Before > Pre-selection Tools

Master in Physiotherapy KULeuven

- **Online Testing and Learning Platform** for International Students enrolling for the Master in Physiotherapy
- To **equalise the initial level of the knowledge** of the (international) students for the Master
 - Successful pre-tests allow full participation
 - Unsuccessful pre-tests give access to online learning modules from the K.U.Leuven Bachelor degree, followed by new pre-tests
- Some modules (pediatric revalidation) contain streaming **video** in a ‘videojukebox’ (video with comments and text)
- Expectations are now more **transparent**



Before > Pre-selection Tools

Master in Physiotherapy KULeuven

Blackboard Academic Suite

https://cygnus.cc.kuleuven.be/webapps/portal/frameset.jsp?tab=courses&url=/bin/common/course.pl?cour...

Autorijden.be Dexia Direct Net NMB5 KULoket Lifehacker Engadget PerezHilton NYTimes DS De Standaard dervedactie.be MySpace People Facebook IFL InterfaceLIFT

Virtual Mobility Before and after st... Facebook | Browse Groups Blackboard Academic Suite Summary test part 1

Home Help Logout

My Toledo Toledo* Tools Admin Help What's New

ONLINE EDUCATION AND EVALUATION TOOL (A.C.3003.K.0708) > ANNOUNCEMENTS

VIEW TODAY VIEW LAST 7 DAYS VIEW LAST 30 DAYS VIEW ALL

May 05, 2008 - May 12, 2008

Tue, Feb 20, 2007 -- Welcome Posted by: Leen Van Gestel

Dear student,

Welcome to this online education and evaluation tool of the Faculty of Kinesiology and Rehabilitation Sciences.

The goal of this tool is to test and improve your statistical knowledge. To that end, two courses on statistics, taught at our faculty, were converted to an online version and integrated in this website.

A course on this website will enclose several tests on the theory as well as theory pages to refine your knowledge. We would like to stress that if you fail a test, it is your own responsibility to refine this "lack" of knowledge before enrolling at our faculty. We recommend you to upgrade your knowledge by using this online course, as it is well structured and adapted to the admission requirements of the Master programme in Physiotherapy.

At the left side of this page, you can see a series of buttons. To get you started, click on the button: "Website Manual" to read through the basic instructions of this website. This will guide you through the different (chapters of the) online courses of this website.

Good Luck!

The Research Methods in Physiotherapy - team

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© 1997-2007 Blackboard Inc. All Rights Reserved. U.S. Patent No. 6,988,138. Additional Patents Pending.
Accessibility information can be found at <http://access.blackboard.com>.

Downloads vmbase-label-f... Clear

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Before > Pre-selection Tools

Master in Physiotherapy KULeuven

Summary test part 1
Page 2 of 10

A researcher was interested in the effect of 2 different treatments for low back pain on return to work. He wanted to know whether one of these two treatments showed different results concerning the timing of return to work after rehabilitation. A first group of randomly selected patients (n= 45) received a brochure with information on their condition together with recommended exercises for back muscles. The second group (n= 55) of randomly selected patients was treated by a physiotherapist who provided manual physiotherapy together with supervised exercises for low back muscles. Return to work was registered for every patient and subdivided into two groups: return to work after less than 6 months of rehabilitation was coded 'early return'; return to work after more than 6 months of rehabilitation was coded 'late return'. The results are shown in the table below.

	Early return	Late Return	Total
Physiotherapy group	40 (33.5)	9 (15.5)	45
Brochure group	31 (37.5)	24 (17.5)	55
Total	71	33	100

A Chi-square test for homogeneity was conducted, resulting in chi-square = 7.638. The expected counts are shown between parentheses in the table. Which of the following sets of statements follows from these results?

- (A) χ^2 is significant, $0.01 < p < 0.05$; the counts in the table suggest that patients in the physiotherapy group are less likely to return to work early than patients in the brochure group.
- (B) χ^2 is significant, $0.01 < p < 0.05$; the counts in the table suggest that patients in the brochure group are less likely to return to work early than patients in the physiotherapy group.
- (C) χ^2 is significant, $p < 0.01$; the counts in the table suggest that patients in the physiotherapy group are less likely to return to work early than patients in the brochure group.
- (D) χ^2 is significant, $p < 0.01$; the counts in the table suggest that patients in the brochure group are less likely to return to work early than patients in the physiotherapy group.

After > E-assessment

E-assessment K.U.Leuven

- **Master European Social Security** (Faculty of Law)
 - one-year international study programme in English
 - Blends regular with distance learning
- **This pilot:**
 - 2007-2008: need for oral examination at a distance
 - Set-up of e-assessment through webconferencing



After > E-assessment

E-assessment K.U.Leuven

- **What did we need?**
 - Webconferencing through FlashMeeting
 - Laptop and webcam on both sides
 - Support staff

- **What did we do?**
 - Booking of meeting + manual for students
 - Students receive link to meeting through e-mail
 - Online examination + recording



After > E-assessment

E-assessment K.U.Leuven

- **Some reactions...**
 - Quality similar to F2F
 - Recordings are added value
 - F2F meeting for authentication
 - The technology should disappear
 - Time consuming
 - Connectivity, crucial for timing



After > E-assessment

E-assessment K.U.Leuven

- **To be continued...**
 - Sequel in June 2008: oral defense master paper
 - Adobe Connect, more sophisticated
 - For small groups
 - Webconferencing as a second-line instrument



Before > Orientation Guidelines

Multimedia presentation & student interviews

- Offer general information about TKK through visual means (MM presentation)
- Offer potential exchange students the possibility to hear other student's experiences on student exchange at TKK (student interviews)
- Helsinki University of Technology (TKK)
 - International Relations Office
 - PR & Communication Office
 - Lifelong Learning Institute Dipoli





- Current affairs
- About TKK
- Research
- Studies
- Prospective students
- Faculty and staff



Contact info

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Location on map

Helsinki University of Technology
is the second-oldest university

in Finland, and the leading university
in technology and architecture.

The university is based in Otaniemi
in Espoo, 10 km from the centre of

Helsinki, Finland, on a campus
designed by Alvar Aalto.

Helsinki University of Technology

- 16.4.2008 [Nokia Research Center opens 'lablet' on Helsinki University of Technology campus and announces strategic research collaboration](#)
- 25.3.2008 [Number of degrees obtained at TTK increases](#)
- 14.2.2008 [TKK, VTT Technical Research Centre of Finland and UPM to establish Finnish Centre for Nanocellulosic Technologies](#)
- 4.2.2008 [TKK to secure notable donations during its centennial year](#)
- 4.2.2008 [Centennial headline programmes unveiled](#)
- 15.1.2008 [Centennial year launched](#)

[More news](#)

Shortcuts

- Faculties, departments and other units of the faculties
- Media contacts
- TKK multimedia presentation**
- TKK - Hundred years as a University
- International TTK
- Main Library
- Alumni Pages
- Student Union TKY
- Old TTK web pages



Brussel
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H 20° | L 11°

< mei 2008						
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4	5	6	7	8	9	10

E-mail

- Verenigde Staten beschermen de jsb...
Deredactie.be - de nieuws.. 0 minuter
- Geen Belgen in finale Elisabethwedstrij...
Deredactie.be - de nieuws.. 0 minuter
- Brand verstoort treinverkeer in Brussel...
Deredactie.be - de nieuws.. 0 minuter
- Zenit mag naar Rusland met de UEFA-A...
Deredactie.be - de nieu.. 27 minuter
- "Porgy and Bess" in Antwerpen
Deredactie.be - de nieu.. 27 minuter
- Lolbroeken Ribéry en Van Buyten in vo...
Deredactie.be - de nieu.. 45 minuter
- Pandaberen zetten Cannes op stelten
Deredactie.be - de nieuwsstro.. 1 uu
- Angelina Jolie zwanger van een tweeli...
Deredactie.be - de nieuwsstro.. 1 uu
- Marino Keulen: "Dit is absurd"
Deredactie.be - de nieuwsstro.. 1 uu
- "Ik ga de poten van René niet afzager...
Deredactie.be - de nieuwsstro.. 1 uu
- Chinezen blijven stoïcijns, zeggen Belg...
China
- De Standaard Online: Front 1 dager
- Niemand te vinden voor 50.000 jobs
De Standaard Online: Front 1 dager
- Justine Henin stopt
De Standaard Online: Front 1 dager
- Van Brempt maant Walen tot spoed ov...
kilometerheffing
- De Standaard Online: Front 2 dager
- HSBC geeft beleggers hoop op beters...
De Standaard Online: Front 2 dager
- Eva Mendes lekker luchtig in Vogue
De Standaard Online: Front
- 2BE zet tooserie na seksuurtie

Before > Orientation Guidelines

Multimedia presentation & student interviews

TKK three levels of production

- Do it yourself – price 10
 - most of the learning materials
- Advanced – price 100
 - requires support
- High quality – price 1000
 - professional production, e.g. multimedia productions



Before > Orientation Guidelines

Multimedia presentation & student interviews

Challenges

- Costs - infrastructure
- From PR perspective
 - high quality only
- Organisational "slow downs", barriers
- Rapidly changing environments

After > Exam Aquarium

Exam Aquarium, TKK

- **Already exists** in Finland
- **Web-based examination system**
 - Camera-guarded and computer-equipped room
 - Special software
- **This pilot:** how can we use this system for incoming and outgoing exchange students at TKK?



Pictures: TietäNet 2/2007

After > Exam Aquarium

Exam Aquarium, TKK

Challenges

- Sustainability (technology, support, scalability, costs, individual data protection)
- Teachers see this as a service for students, not mainstream type of activity – motivation?

Outcomes

- Manual for blended mobility
- Manual on e-coaching

including **guidelines & recommendations** for stakeholders in student mobility (students, teachers, international relations officers, networks of higher education,...)



More information?

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