

IKT-støttet læring på universiteterne København 27 februar 2008

New technology and market positioning: the challenge for universities

Tony Bates Associates Ltd



1. Introduction

2. What is e-learning?

3. Why use ICTs for teaching/learning?

4. Meeting the needs of the workforce

5. New business models for HE

6. Conclusions

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1. Defining e-learning

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What is e-learning? My definition: all computer and Internet-based activities that support teaching and learning - both on-campus and at a distance

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Lifelong knowledge workers: a major new market NOT the same market as folkeskole Graduates in workforce who need professional up-dating: essential for economic survival 3 months training over five years In Canada, nos. = univ. entrants from school They need access to latest research They do NOT want traditional offers 19

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Lifelong knowledge workers: a new market?

Denmark demographics

Age-group	1990	2030
17-24	12.2%	8.8%
25-66	54.2%	53.8%
67-79	10.0%	12.3%

Source: Denmark Statistical Office Average age of full-time students: 25 Completion rate: 45% © Tony Bates Associates Ltd

Profile of lifelong learners

Graduates (already state-subsidized) Working, often with a family Maximum study time per week: 10 hrs, Strong life/work experience, specialist knowledge

'Virtual' learning essential, from home/work

Leaners/employers willing/able to pay

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New programs for lifelong learners

Modules, certificates, industry accreditation leading to masters Inter-disciplinary, 'topic-based' New knowledge since they graduated **Flexibly delivered:**

- Part-time (evenings/weekends/half-days)
- Blended (campus + online)
- Fully distant (home or workplace)

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The big myth: e-learning will make money and globalize the market

Late 1990's: e-learning frenzy e-learning for profit; global markets Many for-profit initiatives failed (e.g. New York University, Temple University, FATHOM, Open University in USA)

US\$20 million lost on average

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Where e-learning has succeeded

Profit in niche markets, e.g. University of Phoenix Online: 26,000 students, vocational corporate e-learning MBAs (Queens, Athabasca, Canada) Continuing professional degrees A (limited) option for regular students Focus on knowledge-worker market Where e-learning has succeeded (cont.)

Masters in Educational Technology (for teachers - school or HE) University of British Columbia (public) fully online; international certificates + master 4 'core' courses + 6 electives from 12

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Where e-learning has succeeded (cont.) UBC Masters in Educational Technology

certificates since 1996: masters opened 2002 80 students a year: 250 graduates (2007) fee: 675 euro per course, 6750 in total program financed as a loan new research faculty funded from program: full costs recovered

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Where e-learning has succeeded (cont.)

Students choose known brands:e.g. UBC's MET degreeUBC on-campus students:20%rest of province:24%rest of Canada23%international (31 countries)33%

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Where e-learning has succeeded (cont.)

Lessons:

different financial strategies for different markets

economies of scale are important

high development costs

lower delivery costs

quality matters

new designs to exploit e-learning

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Where e-learning has succeeded (cont.)

Lessons (cont.)

students want the real thing: don't exclude the star professors from online programs (but protect them) integrity matters: don't dilute brand cost-effectiveness matters: project management + quality assurance institutional collaboration is difficult

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Developing a business model for continuing education programs

Develop a business plan

- revenues as well as costs
- project management
- track, allocate and project costs (including time) over several years
- identify risks and options
- evaluate after five years

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What's in a business plan/budget?

Depends on institutional methods Best strategy: 5 -7 year budget plan Key assumptions:

- academic and support staff time
- enrolments per course/semester
- student-teacher ratios

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What's in a business plan/budget?

Revenues:

- allocated resources (staff time) expressed as cash (could be government grant)
- tuition fees
- special grants (e.g. for development)
- loans/other (sponsorship, alumni)

What's in a business plan/budget? Expenditures (fixed): • prior planning • programme co-ordinator • production costs - academic + support staff time - media production • course maintenance (15-25%)

LMS maintenance

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Balancing the budget Calculating the 'break-even' point between revenues and expenditures (over six years): Break-even when revenue = expenditure Fee = expenditures (- grants)/no. of students over length of programme Margin for safety (15%) Useful even for 100% grant-funded © Tony Bates Associates Ltd

Possible strategy · undergraduate degree: mainly oncampus (blended); a few courses fully online in last year; govt-funded most benefit 'traditional' masters/Ph.D.s: on campus; blended; govt-funded of topic · graduate education for knowledgebased workers: online; self-financing; modules, certificates, masters 39 © Tony Bates Associates Ltd

Focused e-learning

e-learning a tool, not a panacea need to identify where it will bring

depends on type of students, nature

program teams to develop vision of teaching/learning + role of elearning that drives funding

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Determining the role of e-learning (at the academic dept. level)

What new markets can we serve? What new programmes do we need? Where on the continuum of e-learning should this programme be? How will e-learning change the way we teach?

What support do we need for quality e-learning?

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The rationale for e-learning

E-learning supports the development of skills needed in knowledge-based societies, e.g. how to seek, organize, analyse and apply information
Using technology for learning prepares students for knowledge-based work

E-learning is particularly good for lifelong learning

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Further information

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