SportED: Promoting University-Level Distance-Based Sport Education

Universitetslärardagarna 2025 – Pedagogiskt skickligare tillsammans

Diego Montiel Rojas Adrian Hosford-Donovan

Division of Sport Science, School of Health Sciences





This Photo by Unknown Author is licensed under CC BY

- Born between 1960-2006
- Physiotherapists, nurses, physicians, psychologists, midwife, veterinarian, PE teachers, lecturers, S&C coaches, PTs, fystränare, team coaches, sport officials, active or former elite athletes, dancers, administration, management, marketing, accounting, child education, engineers, moms, 1st time at the university....
- Football, swimming, running, CrossFit, ice hockey, floorball, alpine skiing, orientation, badminton, poledance, cycling, dance, triathlon, strength training ...



This Photo by Unknown Author is licensed under CC BY

- Performance enhancement (~40%),
 Health & wellbeing (~20%), combined (~40%)
- Connect theory to practice, whether for athletes, patients, or their own training
- Individual personal situations



Project provides...

- Fully-distance self-paced courses in sport training
- Target wide audience
- Individual learning needs outside university setting
- New skills acquisition, upskilling and reskilling → remain competitive





Common Working Framework



- Standardised & time-efficient predesigned set of digital tools for content creation
- Structure LMS that adheres to demands of digital learning
- Monitoring tools for quality, engagement, adherence, progression, etc.
- Trainable, scalable



Principles

- Student-centred learning
- Flexibility
- Interdisciplinary integration
- Continuous reflection





Ongoing courses



H7024-20252-inst7000 Idrott, Från trötthet till fitness: strategier för återhämtning inom idrott, HT25,...

Multiple Instructors







H7025-20252-inst7000 Idrott, Styrketräning för elit och motionär, HT25, ID051G Open

Multiple Instructors







Idrott, Kondition- och uthållighetsträning för elit och motionär, HT25, ID052G Open

Multiple Instructors







H7020-20252-inst7000 Idrott, Träningslära för hälsa och prestation, HT25, ID012G Open

Multiple Instructors





ID054G

ldrott, Tillämpad idrottspsykologi inom ledarskap

7.5 poäng

Outcomes - Students



- Feasible to run large digital courses
- Wide range of ages, professional backgrounds, and profiles.
- Accessibility to high education, supports lifelong learning, and career development
- Completion rate: ~ 60 75%
- Networking and peer interaction



Outcomes - Learning Platform

- Scalable, sustainable, and adaptable to other programmes, courses, or subjects.
- Routines for digital content creation
- Structured BBLearn layout and reusable templates
- Computer, tablet, mobile...







Outcomes - Competence Development (Staff)

- Many learnings can be transferred to presential courses
- Staff competence development in digital pedagogy, AI.
- Other perspectives: Learning environment, Sustainability, Broadened participation, Internationalization...
- Örebro University's vision is to lead the way toward a knowledgedriven society, pursuing continual progress, critical thinking, and societal impact.

Future Directions

- Expand to more themes
- Explore Al integration for education
- Cross-school collaboration to enhance digital learning capabilities.

testkurs-digital-tools-AI-LMS

Application of digital tools and AI for health sciences in LMS – Pedagogical Development



SportED: Promoting University-Level Distance-Based Sport Education

Universitetslärardagarna 2025 – Pedagogiskt skickligare tillsammans

Diego Montiel Rojas Adrian Hosfort-Donovan

Division of Sport Science, School of Health Sciences

