

EDUCATION RESEARCH GROUP OF ADELAIDE

ERGA Conference
21 September 2006

The University of Adelaide

The material in this document was presented by the author/s
at the 2006 ERGA Conference.

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Lectures on Steroids

Utilising both Synchronous & Asynchronous technologies to deliver an online postgraduate program

Presenter – Rob McCann
Discipline of Nursing

Background

- Discipline of Nursing
 - 11 years of ‘...clinically focused programs...’
 - Bachelor to HDR
 - Two post Graduate Diplomas in Nursing Science
 - Anaesthetic & Recovery Nursing
 - Perioperative Nursing
 - Falling student numbers
 - Limited city pool
 - Attendance on campus
 - Competing universities Australia-wide

Background

- The Clinical Practice Setting
- Perioperative practice
 - Public & private
 - City & country
 - Specialist or Generalist
 - "Office Hours" nature of work



SERIOUS QUESTIONS

- Improve learning outcomes?
- Deliver Content?
- Increase student numbers?

Why do this? – future students learn a
different way

How do we get the best nurses – teaching
tomorrow's nurses

2 Big Issues Facing the Future

- "...effective learning requires interaction..."
- "...students like interaction with peers & lecturer..."

The Educational Setting

- Traditional setting
 - Attendance 'on campus'
 - 1 or 2 nights
 - Single day
 - Intensives

 - Send the lectures away
 - Geographical groupings of students
 - Intensives



Marketing & Strategic Communications Office - The University of Adelaide



My Best Option

- Embrace blended learning & teaching strategies
- So what is “Blended Learning”?

Blended Learning

- Means different things to different people
 - Traditional / Face-to-Face ↔ Delivered with Technology (Online)
 - Synchronous ↔ Asynchronous
 - Audiovisual / Multimedia ↔ Text
- Mixing them all

My Best Option

- Embrace blended learning & teaching strategies
 - Printed material – texts & CDROM readers
 - Electronic presentations
 - Virtual classroom – didactic or interaction

- MAXIMISE engagement of the students

Using Lectures & Tutorials

- Delivery of knowledge content
- Delivery of skills content

- Maintaining a '...clinically focused program...'

Maximising Content

- Interaction with Experts is ESSENTIAL
- Audio narrated PowerPoints
 - Visual
 - Voice
 - Intellectual Property
 - Copyright & Confidentiality
- Text based readings
- Interaction

“...so, what’s available now...”

Teaching options for the online environment

Teacher’s Thoughts

Student’s Thoughts

Using a PowerPoint basis

- Audio narrated presentations
 - PowerPoint itself
 - Netron (iMediaCONVERT)
 - EzediaQTI
 - Camtasia
 - Articulate
 - Breeze
 - Robopresenter

PowerPoint

- Strengths
- Weaknesses
- Opportunities
- Threats

- Cost
- Availability



Netron (iMediaCONVERT)

- Strengths
- Weaknesses
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eZediaQTI

- Strengths
- Weaknesses
- Opportunities
- Threats

- Cost
- Availability



Camtasia

- Strengths
- Weaknesses
- Opportunities
- Threats

- Cost
- Availability



The Lecturer's Thoughts

- Positives
 - Visual & Audio capacities
 - Easy to update & replicate
 - Content & Skills

- Negatives
 - Labour intensive initially
 - “Expertise”
 - Cross platforms
 - Lacks interaction

The Student's Perspectives

- Positives
 - "...access anytime..."

- Negatives
 - "...doesn't allow for differences in clinical practice..."
 - "...too long..."
 - "...slow on dialup internet..."
 - "...navigation..."

My Emerging Technologies

- Virtual Classrooms
 - Online (synchronous)
 - Media streaming (asynchronous)

- Greater use of the LMS
 - Podcasting (not new, but integration with MyUni is)
 - Articulate (learning games & 'speaking' to the LMS)
 - LAMS (learning activities management system)

Lectures on Steroids...My Plan

- Content delivery
 - Teaching methods
 - Read / Listen / Discuss / Vote / Watch / Come back
 - Advice – 10 minutes max then some interaction
- Administrative issues
 - SCORM compliant
 - Assessment into grade book

The Future

- What limits?
 - Student numbers
 - Technology
- Refinements
 - Increasing interactivity
 - Distribution

Acknowledgements



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Thank You for Listening & Any Questions?
