Moodle in a restricted environment: Challenges and reflections



THE UNIVERSITY OF WAIKATO Te Whare Wananga o Waikato

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WHERE THE WORLD IS GOING

Outline of presentation



- Introduction
- RAW programme
- Pilot paper
- IT set-up
- Paper design
- Challenges
- Reflections



- Not everyone has access to the internet!
- 'Anywhere, anytime' access to internet taken for granted
- Can we use an LMS in a restricted environment?
- 2019 Pilot delivery of a fully online first-year paper, in partnership with *Reclaim Another Woman* (RAW)
- RAW charitable venture set up by sisters Annah Stretton and Rebecca Skelton

Introduction





Annah Stretton, RAW







Gina Millar, Lecturer, STMGT110



- RAW is a charitable social venture set up by Annah Stretton to work with recidivist female offenders to replace amplifying criminal activity with scholarshiped education and negotiated work.
- Annah and her sister Rebecca's venture (RAW) is recognised by the Department of Corrections as the only model of this kind successfully breaking a cycle of crime, drugs and violence by targeting the mothers and their tamariki; giving them visibility, acceptance and real choice for a different way of life.

RAW Progamme







From the RAW website:

"I would like to take this opportunity to thank you for the contribution RAW makes towards reintegrating women back into the community and commend the programme's objective to help prevent intergenerational patterns of offending. We value this service as it provides wrap around support for women....To reduce reoffending is a big challenge and we welcome the opportunity to take that journey with you, to continuously improve our collective efforts and make a difference for women who need it."

Stephen Cunningham, Director Offender Employment and Reintegration, Department of Corrections

Pilot paper



- STMGT110-19A (BLK) The Entrepreneur
- 15 credits –first year degree paper in the School of Marketing and Management
- This paper provides an introduction to entrepreneurship theory and practice, examines qualities, skills, characteristics of entrepreneurs, develop own practical skills, evaluate process involved in creating and evaluating ideas for new products processes and ventures, and taking them to market
- Lecturer buy-in and willingness to accept a challenge!

IT set-up



- iPads with pre-loaded content in Moodle app (set to offline mode), wireless keyboards, headphones
- iPads locked and connect only to a single identified wireless network provided by a designated cellular router
- Forum posts, questions, gradable submissions stored locally on iPads – synchronizes automatically with the University eLearn system when connected to the cellular router. Paper updates and feedback from lecturer also occurs at this point

IT set-up



- iPads in Supervised mode, managed by Mobile Device Management server – restrictions cannot be adjusted by an off-campus user
- Apps Office suite + Moodle
- Each iPad assigned to a single student
- If somehow connected to internet, alert sent to Waikato ICT staff
- Physical location tracked, stored and charged at correctional facility
- iPad connects to course content of nominated paper only
- No access to any other University online service







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IT set-up





- Fully online, 6 weeks, multiple supervised learning sessions each week – supported by Annah/Rebecca and Corrections staff
- Lecturer visited prison to meet students initially and later to assess group presentations
- Moodle: topic sections, included PPT slides, activities, assessments, additional resources
- Communication via messaging, forums
- Assessments: weekly quizzes, team report and presentation, individual report, entrepreneurial self-assessment

Paper design



- F2F group presentations towards end of paper
- Short PPT side presentations, with video on most slides
- Additional resources, e.g. business plan template
- Supervised learning sessions individual and group work, self-selected groups
- Support outside of supervised learning sessions

Paper de

Sections

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Introduction	
Paper Outline	
Communication	
Reading List	
Assessments	
Resources	
Topic 1: What is entrepreneurship? The entrepreneuri assessment	ial mindset and self
Topic 2: Creativity and Innovation: Idea Creation	
Topic 3: Venture Creation and Revenue Models	
Topic 4: Business Model Canvas	
Topic 5: Business Planning	
Topic 6: Bringing it all Together	

Back

Paper 🖻

STMGT110-19C (BLK) - The Entrepreneur

Business Plan Template

M Presentation Marking Rubric

19.2 KB Word 2007 document

Topic 1: What is entrepreneurship? The entrepreneurial mindset and self assessment

This week we're covering the basics of how this paper will work, and we will start looking at entrepreneurship and a few entrepreneurs, as well as doing some reflection through this week's Entrepreneurial Self Assessment (worth 15%).

R	Lecture 1 Part A	D
R	Lecture 1 Part B	0
8	Lecture 1 Part C	B
-	Entreprenuerial Self Assessment Template (download)	B
	This template will guide you through the Entreprenuerial Mindset Self Assessment activity! Click to download and access the file.	
	Entreprenuerial Self-Assessment (submit here)	
	Please click this link to upload your completed self-assessment template once you're finished.	
	Quiz 1	
Торі	c 2: Creativity and Innovation: Idea Creation	
vent	week we're looking at how to get creative and encourage you to come up with ideas for your own busine ture! You'll be doing an activity which will help you brainstorm and use other idea creation methods to co with your new venture idea.	ess me
-	Lecture 2 Part A	D
Pr.	Lecture 2 Part B	TA

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A

Paper

Grades

Participants



Notes

All sections

Contents

Introduction

New videos are available for you to watch in the "Powerpoint -> Videos" folder inside the "Files" app. These aren't mandatory, but are very interesting!

Academic Expectations





How to use slides and resources

- For each week, there will be a set of Powerpoint slides like this one.
- These are arranged on your Moodle page in weekly order.
- You are expected to work through all of the material within the slides for each week.
- Video clips showing Gina speaking and explaining the material will be shown here
- If you have any questions about the material as you work through the slides, please write them down.
- Message Gina through Moodle to ask her your questions.
- If there are extra resources or things to read, you will find this material on Moodle.
- The reading material is shown below the Powerpoint slides on the Moodle page, ordered by week.





Challenges

- Initially convincing Department of Corrections that iPads were not a security risk, establishing start date for paper
- Lack of internet in prison design limitations
- Limited digital literacy of students
- Software unlicensing itself (Word)
- Moodle app routinely dropping content
- Regular synchronizing of Moodle app
- Regular checking that Office 365 has not expired
- Access issues



What worked well:

- PPT slides with embedded video
- Quizzes
- Hard copies of worksheets
- Activity sheets (templates)



What did not work so well:

- Messaging in Moodle was clunky, so used forum with each student in a unique group
- Need to provide faster feedback
- Lack of familiarity with modern devices
- Access issues University staff denied entry at times



- Debrief and evaluation of pilot in near future
- Decide next paper for prison delivery
- Modifications to delivery based on experience during pilot, e.g. use Pages instead of Word
- Scalability
- Enhance video experience
- Quantitative papers will these present different challenges?
- Learning support





Jailed drug dealers make use of skills

Long-term recidivist inmates pass university entrepreneurship paper

Simon Collins

Prisoners who have learned business many of the women were jailed for lessons in drug dealing are being methamphetamine offences, which taught how to turn their skills to the had driven a near-50 per cent jump in good in a remarkable new course at the Auckland women's prison.

Twenty long-term recidivist in meth at some level," Stretton said.



Anna Stretton

Stretton believes that education is the key to saving the lives of

women coming out of prison.

Waikato University and Wintec, connects them with employers, and helps them to get back their children entrepreneurship might unlock the upload Millar's feedback. who have mostly been removed from women's passions them by the state.

through the programme," Stretton Longhurst, who is on RAW's board.

"Most of these women have been course and buy 20 iPads. in prison most of their life. That is the demographic that Corrections said

It enrols the women in courses at to run prison workshops on health, ment yesterday, Cowan had driven leadership and creative arts before Stretton realised

She spoke to Waikato University "We have now had more than 60 deputy vice chancellor Robyn The university agreed to develop the

Teaching fellow Gina Millar designed the paper and loaded her 'we believe their behavioural prob- lectures on the iPads, and informa-

menta They brought in outside speakers he picked up the women's last assignvery q from Hamilton to Wiri once a week to that download the women's work and who w

Millar said the course was at unileaves versity level and "quite theoretical". "I was afraid it was a little bit too

from th complex because there was such varying ability of literacy and educa-Palma tion in the group," she said. his tas

"They have really helped each about other. It was almost like a sense of ancho community within the group ous ec

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① 4 minutes to read

nzherald.co.nz Thursday, 27 June 2019 Victor Fester My News **lewstalkZB** >New Zealand $\mathbf{\otimes}$ Zealand mium ional News rt iness perty eo hnology rld nion eOut Entertainment style vel

Man charged with murder after male victim fatally shot in Rotorua last nigh

NEW ZEALAND

Drug dealers turn entrepreneurs in Waikato University course at Auckland women's prison

15 Jun, 2019 10:51am



A prisoner studying entrepreneurship in the library at Auckland Women's Prison. Annah Stretton of the social enterprise RAW says study is "the only thing" to compete with crime. Photo / Supplied



Education reporter, NZ Herald simon.collins@nzherald.co.nz



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The University of Waikato is giving inmates at the country's biggest women's prison the chance to change their lives through education.

It is working with RAW, the charitable social venture set up by Annah Stretton to work with recidivist female offenders to replace criminal activity with education and work. The paper, STMGT110 The Entrepreneur, is being taken by 18 inmates at Auckland Region Women's Prison in Wiri, South Auckland. When Ms Stretton approached Waikato University with the idea, the Vice-Chancellor Neil Quigley saw a real opportunity, and other staff quickly got on-board.

Deputy Vice-Chancellor, Academic Professor Robyn Longhurst has been overseeing the project, and she says

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Any questions?