**Transforming Exams Across Australia**

**e-Exams: Queensland experiences and future directions**

Mathew Hillier (CI)\(^1\)\(^2\), Dominic McGrath\(^2\), Amy Hubbell\(^2\), Vilma Simbag\(^1\)\(^2\), Michael Cowling\(^3\) & Kennith Howah\(^3\)

1) Monash University, 2) University of Queensland, 3) Central Queensland University.

---

**“I would recommend the e-Exam system to others”**

**UQ: French Translation 2017**

- **Exam mode:** word processor. Offline.
- **Typing was optional. Single campus in class.**

**CQU: IT Social Issues 2017**

- **Exam mode:** word processor. Offline.
- **Typing optional. Multi campus, centrally run.**

**MU: Chinese Language 2018**

- **Exam mode:** online via Moodle LMS.
- **Typing required. Single campus in class.**

---

**塑造未来：在全球化“21世纪”时代，我们要测试的不是20世纪的问题。**

**e-Exam Evolution**

1. **Paper-equivalent offline:** Office suite, typing optional.
2. **Post-paper offline:** Office suite plus discipline-specific applications, Math, Languages, CAD, Sims etc.
3. **Robust online:** Moodle LMS.
4. **Add Whitelisted online resources.**
5. **Log opened internet access.**

**Ask us about**

- Customised editions of the system to suit local needs and our robust online BYOD-to-server approach.

---

**Robust Online e-Exam Workflow**

Networked, offline and hybrid workflows enable flexibility to suit local conditions. USBs are reusable. BYOD online exams resistant to network outages!

**Why e-Exams**

To accredit graduates as proficient for the modern world we need to test the complex problems of today’s world using the “e-tools of the trade of the 21st century”.

---

**Why e-Exams**

To accredit graduates as proficient for the modern world we need to test the complex problems of today’s world using the “e-tools of the trade of the 21st century”.

---

**We can help...**

- e-Exam trials at education providers.
- Advice and consultancy on e-Exams.
- Joint research and development.

[mathew.hillier@monash.edu](mailto:mathew.hillier@monash.edu)

---

**e-Exams Team**

- **Mathew Hillier**, Monash University (CI).
- **Andrew Fluck**, University of Tasmania.
- **Michael Cowling**, Central Queensland University.
- **Dominic McGrath**, University of Queensland.
- **Martin Coleman**, Macquarie University.
- **Jeremy Pagram**, Edith Cowan University.
- **David Naish**, University of South Wales.
- **Matt Bower**, Canberra/Australian Defence Force Academy.
- **Ruth Geer**, University of South Australia.
- **Bruce White**, University of South Australia.
- **Scott Grant**, Monash University.
- **Project Staff**: Martin Coleman (Software developer) & Vilma Simbag (Project Manager).

---

**Join us today!**

**TransformingExams.com**

---

**Example exam: typed responses**

- **PART A**
  - **INSTRUCTIONS:**
  - **Question 1:** 
  - **Question 2:** 
  - **Question 3:** 
  - **Question 4:** 
  - **Question 5:** 

**Responses collated.**

**Responses auto and marked manually by academic.**

---

**E-Exam Evolution**

**Set-up:** prepare exam learning materials

- **Configure, load and test:**
  - **Moodle quiz.**
  - **Gateway USB with SEB.**
  - **Duplicate USBs.**

**Pre-session Practice:**

- **Student laptop setup.**

**Exam room use:**

- **Collect USBs (manual retrieval only if required).**

**Post session:**

- **Retrieve responses and assessment**

---

**Other examples: STEM exams**

---

**Join us today!**