Embedding digital literacy in a course: Upskilling the millennial workforce

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Motivating factors

- Digital literacy skills of students problematic
- GLO 3
- Research skills
- Employability – these skills needed
- Only so many Units and limited time
- Take ownership through an authentic experience
- Course-wide view
- Linked to skills needed for the assessment in the Unit
- Compulsory Unit in 1\textsuperscript{st} year
- So all students will have the skills as they are embedded in a single Unit in the course and they can use these skills course-wide and beyond

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The Digital Literacy Module

Creative design

Guiding criteria:

• Digital literacy learning outcomes
• Market acumen disciplines
• Theme: Great Barrier Reef
• Engaging for students!

Solution: Scenario to tie it all together

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The Digital Literacy Module

TECHNICAL DESIGN

Navigating the Module

Finding Information

Getting to know your library

Conducting a creative search

Understanding different information types

Finding industry reports

Finding consumer and government information

Finding useful legal information

Getting Started videos

Want to see all of our helpful videos in one place? See the complete playlist on YouTube.

Why is it important to evaluate internet sources across?

Finding Industry Reports

Here’s how you can find some great resources online. Take a sneak peek and see if it’s worth the effort.

By understanding how to evaluate information sources, you’ll be able to make informed decisions about the reliability and accuracy of the information you find. This will help you to assess the credibility of sources and determine their relevance to your research needs.

Getting Started:

1. Identify your research question and the information you need.
2. Determine the type of information you require (e.g., statistics, facts, opinions).
3. Choose the appropriate search engines or databases to use.
4. Evaluate the credibility and relevance of the information sources.
5. Interpret and use the information to support your research.

Notes:

- Sources should be evaluated based on their reliability, accuracy, and relevance to your research question.
- It’s important to use primary sources when possible, as these provide direct evidence and are less likely to be influenced by bias.
- Secondary sources can also be valuable, as they often provide additional context and analysis.
- Keep track of your sources and their evaluations to maintain organization and accountability.

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WHAT DID STUDENTS NEED TO DO?

- Module was embedded in the MMK101 unit site & B. Comm Hub site
- Introduction to Digital Literacy (welcome page)
- Pre-module self assessment (What do you know about Digital Literacy?)
- Find, Use and Share sections – conditional release
- Quiz (5 Qs) after each section requiring 80% grade to release next section
- Post-module self assessment (Have your Digital Literacy skills improved?)
- Completing the above process opened dropbox for first graded assessment, thus making it a hurdle requirement.

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The Digital Literacy Module

**MMK101** - Marketing Fundamentals - T2 2016

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## Support

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<thead>
<tr>
<th>T1</th>
<th>T2</th>
<th>T3</th>
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<tbody>
<tr>
<td>Reminder emails</td>
<td>‘Soft’ deadline of Week 3</td>
<td>Embed DLM in assessment guidelines</td>
</tr>
<tr>
<td>Posts on CloudDeakin discussion thread</td>
<td>Dedicated DLM discussion thread</td>
<td>Identify time required to complete</td>
</tr>
<tr>
<td>“Ask your Librarian” discussion thread</td>
<td>Dedicated email created</td>
<td>Digital certificate for students generated upon completion</td>
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<td>FAQ pinned to top of discussion thread</td>
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The results

- Overall assignment marks improved since introduction of DLM in T1 2016
- Since refinement of DLM overall assignment marks improved further in T2 2016

  - Fail rate for assignment immediately following DLM completion **halved**

  - Increase in C, D, and HD grades for sections of rubric addressing GLO3 Digital Literacy – finding, using, sharing market information that informs strategy development

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The results

- eVALUate T1 2016 – “The digital learning module was helpful, but it was very time consuming.”
- Designated DLM Discussion Thread on CloudDeakin from T2 2016 – Many, many posts thanking teaching team for prompt support
- DLM self-assessment statistics pre- and post-completion:
  - Students much more confident in their abilities to find, use and share information following completion of DLM
    - Students who were not confident (pre-assessment) became confident (post-assessment)
    - Students who said they were confident (pre-assessment), realised they should not have been (post-assessment), but are now confident in each aspect of Find, Use, Share (post-assessment and also reflected in assignment marks)

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What we learned

• Student centred approach
  – Students self-assess and recognise their personal, individual skill set in relation to digital literacy
  – They then work through the scenarios to develop the requisite skills and confidence in those skills to gain proficiency in the learning objectives
  – Develop into a better graduate with the work-ready skills necessary to complete in the global marketplace

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Questions?

Source: educationaljargonschs.wikispaces.com

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