<table>
<thead>
<tr>
<th>Unit Title: <strong>Using the Web Effectively &amp; Evaluating Research Resource Results through Citation Analysis &amp; Webometrics (Level 4)</strong></th>
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<tbody>
<tr>
<td><strong>Class Size:</strong> 25; <strong>Time:</strong> Various; <strong>Duration:</strong> 50 minutes; <strong>Method:</strong> F2F</td>
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| **Unit Overview (Aim)** | To provide an overview of web resources for research and networking  
To examine the importance of critical thinking skills, and  
To consider the use of an analytical framework within which to evaluate the information you find. |
| **Unit Level Learning Outcomes** | On completing this session, students will be able:  
To examine the importance of critical thinking skills and to consider the use of an analytical framework within which to evaluate the information you find. |
| **Unit Level Teaching Approach** | • Research Environment – who are Researchers?  
• Networking in Research – why is it important?  
• Resources available for networking.  
• Overview – Evaluating Information Sources. Recap on what was given in Level 3.  
• Introduce Reliability factor – FFP in Ethics – Falsification, Fabrication & Plagiarism with suitable examples.  
Introduce the Analytical Framework.  
• Relevance  
• Authority  
• Method  
• Objectivity  
• Presentation  
• Currency of information  
Introduce Peer Review – what is PR & why is it important.  
Introduce Bibliometric/Citation Analysis - how does it work.  
What is JIF? Patent indicators?  
**Hands on exercise at this point.**  
Are there other Metrics we can use? **What is Webometrics?**  
• Digital Library  
• OA publishing & Citation  
• Google & other search engine Citation Analysis?  
• Link Analysis  
• Web Citation Analysis  
• Measuring Web 2.0 |
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<th>Limitations of any metrics, if any.</th>
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<tbody>
<tr>
<td><strong>Unit Level Assessment</strong></td>
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<tr>
<td><strong>Student Activities</strong></td>
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