

## **Research Methods & Technical Writing**

### **Assignment 2**

#### **Literature Review**

**Due date: Tuesday 10<sup>th</sup> March 2025**

Your assignment should be no more than ten pages long excluding your reference list.

A **literature review** is a critical analysis of published sources, or **literature**, on a particular topic. Create a Word Document that demonstrates your knowledge of your research topic with reference to a broad range of peer reviewed literature. Put forward a **critical evaluation of each work reviewed**.

<b>Include information under the following suggested headings:</b>	<b>Assignment tips – you are the expert on your research topic.</b> Evaluate papers in your chosen field.
<b>Introduction/Background</b> Your introduction should provide the background of your research topic.  Introduction will discern if your research is qualitative or quantitative and should allude to the thesis statement.	<b>Introduce your research topic.</b> What is the real-world application of your research?  Is your research on this topic qualitative or quantitative? Explain this...
<b>Question/problem:</b> (Hypotheses) to find out ...	<b>State the H<sub>1</sub> and explain what answers you are seeking.</b> <b>State the H<sub>0</sub></b>
<b>Primary resources:</b> identify the gap in the research that your work will address	<b>Review articles to support your research question and limitations of research existing.</b>  <b>Describe the issues around your topic:</b> lack of information, lack of knowledge sharing, poor funding around this topic, lack of long-term planning, too much focus on short term gains <b>How will your research address this issue?</b> define any criteria for exclusion of irrelevant papers if applicable
<b>Division of works</b> under review into categories (e.g., those in support of a particular position, those against, and those offering alternative theses entirely)	<b>Discuss articles that cover aspects of research.</b> <b><u>Group articles around themes to build an academic argument,</u></b> trying to find a new angle that has not been covered adequately in the previous reviews <b>Critically evaluate these themes and support with quality references and citations</b> Identify any methodological problems if applicable
<b>Conclusions</b> as to which pieces are most convincing of their opinions, and make the greatest contribution to the understanding and development of their area of research	<b>What key points/H<sub>1</sub> were best supported in your opinion?</b> What are the major achievements in the reviewed field
<b>References</b> using the IEEE Style	<b>Use the referencing tool in word to manage your references</b> (Make sure to select IEEE as your reference style). Double check all information in your reference list. Remember you must use quality sources e.g., books, journal articles and industry magazines.

**Review document to cover the following:**

<b>Include information under the following suggested headings:</b>	<b>Marking criteria</b>	<b>Weighting</b>	<b>Actual marks</b>
<b>Introduction/Background</b> Your introduction should provide the <b>background</b> of your research topic.  Introduction will <b>determine if your research is qualitative or quantitative</b> and should allude to the thesis statement.  <b>Primary resources:</b> identify the gap in the research that your work will address	<b>10</b>	<b>X 3</b>	
<b>Question/problem:</b> (Hypotheses) to find out ...	<b>10</b>	<b>X 1</b>	
<b>Division of works</b> under review into categories (e.g., those in support of a particular position, those against, and those offering alternative theses entirely)  Consider the arrangement of text using thematics...	<b>10</b>	<b>X 2</b>	
<b>Conclusions</b> as to which pieces are most convincing of their opinions, and make the greatest contribution to the understanding and development of their area of research	<b>10</b>	<b>X 3</b>	
<b>References</b>	<b>10</b>	<b>X 1</b>	