

CSC 450, Senior Research Literature Review

1. Write a **literature review** (at least two double-spaced pages, not including references) that contains background information about your topic, discusses related work, and would support the research question you are investigating or topic you are pursuing. Your review should be written appropriately for a reader who has an undergraduate degree in computer science. **The literature review must have at least 10 references, and at least 6 references must be *research articles*.** The literature review will serve as a basis for the introduction to your proposal and paper, provide points for discussion, and generate ideas regarding methodology. However, the literature review does not describe your specific project, only work that has been done in related areas. Note that *related* work includes work related to any aspect of your project, whether it relate to the general topic, the specific question, or related methodologies.

You must submit this assignment through Blackboard by the beginning of class on the due date to receive credit. The assignment will be submitted through SafeAssign. The assignment may be submitted once before the due date so that you can look at the SafeAssign Report, and make changes as necessary (you will need to ask me to clear your submission if this is the case). Work that is plagiarized or late submissions will not be accepted. The literature review will be evaluated using the rubric on the following page:

Table 1. Grading Rubric

Component	Points	Poor (D-F range)	Average (C range)	Excellent (A range)
Background Information	30	No background information is provided	The description is not clear or not complete.	A clear and concise description of background knowledge required to understand the topic is provided. Background includes descriptions of appropriate terms and concepts.
Significance of the Topic	30	The significance of the topic is not described	The significance of the topic is not clearly described.	The significance of the topic is clearly described and supported. The significance speaks to why the research topic is important, and how the field and society as a whole benefits from research in this area.
Related Work	40	Related work is not discussed at all	Related work is described but not in sufficient detail and/or not in a critical manner.	Related work is presented and discussed in an organized and critical manner. The methodology, major findings, significance, and weaknesses or limitations of the related work are discussed. Related work may include articles describing similar research questions or objectives, similar methods, or analyses using similar datasets.

Table 2. Requirements / Deductions

Component	Poor (D-F range)	Average (C range)	Description
Content	The paper describes your specific project (-10)		The Lit Review describes, summarizes, and analyzes related work, but does <i>not</i> directly describe your proposed project (-0).
Bibliography (and references)	No references are included (work is not acceptable)	The article does not include the correct number of references, or citations do not follow the specified format (-20)	At least 10 references are appropriately cited in the manuscript using IEEE format. At least 6 references must be for research articles . (-0)
Format and Organization	The paper is less than one page (not including references) (-10)	Some of the formatting requirements are not met. For example, the title and bibliography are not bold (-5)	The paper is at least 2 pages (not including references) and double-spaced with 1" margins. All paragraphs except for the first are indented. Except for the bibliography and title, Arial (font size 11) or Times New Roman (font size 12) are used throughout. The paper includes a title in bold, followed by your name. The title may be one font size larger. At the end of the paper is a bibliography section. The word 'bibliography' is bold, and the font size of the bibliography is 1 size less than the rest of the paper. (-0)
Grammar, style, and format	Many spelling and grammatical mistakes seriously detracts from the ability to understand the paper. (-20)	The paper contains a fair number of spelling or grammatical mistakes that detracts from the ability to understand the paper. (-10)	The paper is well-written and contains very few, if any, spelling or grammatical mistakes. (-0)