



## Overview

Once your e-mail proposal for a current ECE topic to write about and present has been approved, you will write a 2.5-3 page synthesis of the main article you listed in the proposal. Note that your work must be original. Any work quoted from another source (including any from the two related articles you listed in the proposal) must be properly typeset (i.e., in quotation marks or a paragraph with narrow margins) and accredited with a citation.

## Content

The Research Paper will include the following information:

- Abstract (Give a succinct summary of the results presented in the three articles.)
- Introduction (Introduce the main paper and discuss the context and significance of the topic it addresses. (Give an idea of where the main paper stands in relation to past work done in the field and what your main paper has contributed. You may also briefly indicate how the remainder of your paper is organized.)
- Methods (Discuss how the authors achieved their results, and critique their choice of approach. For example, was their approach conventional, credible, a breakthrough, ad hoc, technically sound?)
- Results (Cover the key results your paper presents, and comment on their meaning and significance.)
- Ethical Implications (Cite the IEEE code of ethics items 1 and 5 and provide a brief discussion of the implications of the authors' work in relation to those items. Consider the present state of the work and possible future work.)
- Conclusion (Recap the main contributions of the main paper in a bit more detail than in the Abstract.)
- References (List citations. You must cite the two related articles listed in your email proposal.)

Note that the paper must develop the context for the technology, give a general description of the methodology, describe the state of the technology, and cover larger implications.

## Format

Use the [IEEE Format modified for single column, double spaced \(Word\)](#) template file for this assignment. Submit your paper in hard copy (in class) and to the CLEAR database (in Canvas) in Word (.doc) format.

## Paper Grading Criteria

- 1) Organization
- 2) Prioritization of information
- 3) Simplification of technical terms and processes
- 4) Familiarity with topic
- 5) Clarity of presentation and mastery of technical content