

ECE 441 PROJECT

Description: Each group will pick a topic related to neuromodulation and review the existing literature covering the topic. A group should contain 2-3 students, but not more than 3 students. These groups will write a review paper as the final deliverable of the project.

Guidelines for a successful project:

- A good review paper contains an overview of 50-150 scientific articles.
- Please use figures and tables to summarize major points relevant to many articles.
- Please use the IEEE referencing style.

Sample review papers:

- <https://pubmed.ncbi.nlm.nih.gov/35130174/>
- <https://pubmed.ncbi.nlm.nih.gov/28715343/>
- <https://pubmed.ncbi.nlm.nih.gov/33315570/>
- <https://pubmed.ncbi.nlm.nih.gov/35276320/>
- <https://pubmed.ncbi.nlm.nih.gov/37526887/>
- <https://pubmed.ncbi.nlm.nih.gov/35275373/>
- <https://pubmed.ncbi.nlm.nih.gov/23639753/>
- <https://pubmed.ncbi.nlm.nih.gov/31054502/>

Deliverables:

- By September 28, 2023: Form groups and inform the instructors about team members and the topic for your review. Instructors will provide the feedback by Sep. 29th.
- October 23, 2023: A group presentation outlining the topic and some of the reviewed articles.
- November 20, 2023: A preliminary draft of the project paper
- December 4, 2023: Final presentation by each group
- December 7, 2023: Final reports due by each group

Marking scheme:

- Initial group presentation on Oct 23, 2023: 5%
- A preliminary draft on Nov. 20, 2023: 10%
- Final presentation on Dec. 4, 2023: 15%
- Final report on Dec. 7, 2023: 70%