

2º SEMESTRE DE 2021

FI227 – Tópicos Física Aplicada I - "English Academic Writing in Physics"

Turma A

Horário

Segunda e Quarta - 14h às 16h

Créditos 4

Docente

Fanny Beron

Pré-Requisitos

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Objetivos

- 1) Think in English
- 2) Organize thoughts
- 3) Combine in a conference abstract

Ementa

Introdução à escrita acadêmica, conceito de resumo, seções de um resumo (título, introdução, metodologia, resultados e discussão, conclusão e perspectivas), organização das referências, regras de ética, comportamento com co-autores, competências linguísticas gerais (frases complexas, forma, fluxo) e específicas à língua inglesa (tempo de verbo, sintagma nominal, palavras de conexão, preposições), uso correto de advérbios e repetição de palavras, ponto de vista do autor.

Conteúdo Programático

- 1) Introduction to academic writing (4 weeks + review)
 - Concept of abstract
 - Context for academic writing
 - Abstract: Importance and functions
 - Abstract structure
 - General language skills
 - Avoiding complex sentences
 - Active/passive forms
 - Discourse markers
- 2) Specific topics (4 weeks + review)
 - Abstract sections
 - Introduction
 - Experimental method section
 - Results and discussion

- Conclusion/title
- English sentence specificities
 - Verb tense
 - Noun phrase
 - Connectives inside sentence
 - Prepositions
- 3) Expanding academic writing concepts (4 weeks + review)
 - Writing abstracts in the real world
 - References
 - Ethical rules
 - Co-authors
 - Review process
 - Improving academic English skills
 - Adverbs
 - Concision
 - Paragraph structure
 - Accuracy

Bibliografia

Oswaldo N. Oliveira Jr, Writing Scientific Papers in English Successfully: Your Complete Roadmap, HyprTek, 2014.

Cr terios de Avalia o:

- Tasks to be done (no numeric mark) (40 %)
 - Moodle assignments: 15 %
 - Homework: 15 %
 - Class participation: 10 %
- Task evaluated (60 %)
 - First rewritten abstract: 10 %
 - Second rewritten abstract: 20 %
 - Third rewritten abstract: 30 %

Observa es:

There is no academic pre-requisite to attend this course. However, the students need to meet the two following requirements:

- 1) Since it involves English writing, the students need to be aware that a certain English level is required to adequately follow the course:
 - Writing/reading
 - Advanced basic
 - Listening/speaking
 - Basic
- 2) Each student should already have enough results and discussion about one of their previous research work to be able to write the equivalent of a conference abstract, before the beginning of the semester. It can come from a previous scientific initiation project of the student.