



Governo do Estado do Rio de Janeiro
Secretaria de Estado de Ciência e Tecnologia
Universidade Estadual do Norte Fluminense Darcy Ribeiro
SECRETARIA ACADÊMICA/REITORIA

PROGRAMA ANALÍTICO DE DISCIPLINA

Disciplina: PCN1754 - Journal Club On Condensed And Soft Matter

CCT/LCFIS - Laboratório de Ciências Físicas

Início: 2023/2

Pré-requisito(s): não tem

Co-requisito(s): não tem

Equivalência(s): não tem

Carga horária: 68 (17 teóricas , 0 práticas, 51 extraclasse)

Créditos: 2

Tipo de aprovação: Média/Frequência

EMENTA

The content of the course is based on biweekly discussions of relevant scientific articles in the field of Condensed and Soft Matter, ranging from the fundamental principles, techniques, and characterization methods to emerging functional materials, biomaterials, and nanotechnology.

CONTEÚDO PROGRAMÁTICO

Introduction to the Journal Club: Purpose, structure, and significance in scientific research

Article discussions: Participants will present and critically evaluate recently published articles, focusing on the research question, methodology, results, and significance of the findings. Through regular article presentations, participants should (i) enhance their oral communication and presentation abilities; (ii) develop skills to critically analyze research articles and express scientific ideas in writing; (iii) promote constructive discussions, debates, and knowledge sharing among participants.

Extra Class Activities

BIBLIOGRAFIA

It will be used scientific articles that cover a broad range of topics on Condensed and Soft Matter including, but not limited to, those published in Nature journals, Science journals, Nano Letters, ACS Nano, Journal of the American Chemical Society, Physical Review Letters, Soft Matter, Proceedings of the National Academy of Sciences, Journal of Materials Science, etc.