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PHYS 5P91/7P91: Graduate Seminar for MSc and PhD Physics Graduate Students

Course Outline 2022 (FW 2022 D1)

What these courses are about:

These courses will involve independent study and presentation of major research papers in the area of specialization.

Requirements:

Students must be enrolled in a Physics Graduate Program.

Learning Objectives/Outcomes:

To develop research and communication skills through attending and participating in departmental and course seminars. Write abstracts and outlines. Develop effective presentation skills.

Times and Locations:

- As scheduled -- watch for announcements by email and on the Sakai site for the course.
- Note that students are expected to attend all (virtual and in-person) departmental seminars and seminars by the other students in the class.

Course Communications:

For class communications monitor your Brock email and the course Sakai site.

The marking scheme:

Component	Weight	
Seminar Proposal	15%	Due: October 28 2022. Brief 1-2 page introduction to the proposed topic. Topic can be RELATED to your thesis but SHOULD NOT be a presentation of your thesis research. Must include at least three references, at least two of which must be journal articles. Submit electronically to course Sakai site under the 'Assignments' tab.
Detailed Seminar Outline	25%	Due: January 20 2023. Indicate what you will discuss in the Introduction, what sections you will include in the main body of the seminar, what are the conclusions. You may include figures, and graphs. Include citations as needed. Submit electronically to course Sakai site under the 'Assignments' tab.
Seminar Abstract	10%	Due: February 17 2023. Submit electronically to course Sakai site under the 'Assignments' tab. Instructor will circulate it to the other students in the course. Must be a paragraph using proper English and provide at least one citation.
Seminar Presentation	30%	To be scheduled. Presentation should be geared towards a GENERAL AUDIENCE, not specialists in the subject area of the topic. PHYS 5P91 seminar should be 30 minutes in length, PHYS 7P91 seminar should be 45 minutes in length.
Seminar Slides	10%	To be submitted electronically to course Sakai site under the 'Assignments' tab immediately following your presentation.
Attendance, Participation and Etiquette	10%	Attend all scheduled seminars including those by students in the course. Participate in question period following seminars. Display proper seminar etiquette.

Important Dates:

The last date for withdrawal from this course without academic penalty is January 20, 2022. For other important dates see the Faculty of Graduate Studies' [sessional or important dates](#).

Notes:

- No late work will be accepted.
- All submissions should be a proper word-processed document. Unless specified, you must submit as a .pdf file.

Academic Policies:**Academic Integrity:**

All students must comply with Brock's [academic misconduct policies](#). Academic misconduct is a serious offence. The principle of academic integrity, particularly of doing one's own work, documenting properly (including use of quotation marks, appropriate paraphrasing and referencing/citation), collaborating appropriately, and avoiding misrepresentation, is a core principle in university study. Students should consult Section XVII, "Academic Misconduct", in the "Academic Regulations and University Policies" entry in the Graduate Calendar, available at <http://brocku.ca/webcal>. Information on what constitutes academic integrity is available at <https://brocku.ca/academic-integrity/>.

- SUBMISSIONS WILL BE RUN THROUGH THE TURNITIN SIMILARITY CHECKER PROGRAM via SAKAI.

Intellectual Property Notice:

All slides, presentations, handouts, tests, exams, and other course materials created by the instructor in this course are the intellectual property of the instructor. A student who publicly posts or sells an instructor's work, without the instructor's express consent, may be charged with misconduct under Brock's Academic Integrity Policy and/or Code of Conduct, and may also face adverse legal consequences for infringement of intellectual property rights.

Special Accommodation:

The University is committed to fostering an inclusive and supportive environment for all students and will adhere to the Human Rights principles that ensure respect for dignity, individualized accommodation, inclusion and full participation. The University provides a wide range of resources to assist students, as follows:

- a) If you require academic accommodation because of a disability or an ongoing health or mental health condition, please contact [Student Accessibility Services](#).
- b) If you require academic accommodation because of an incapacitating medical condition, you must, as soon as practicable, inform your instructor(s) of your inability to complete your academic work. You must also submit a Brock University Student Medical Certificate (found at <https://brocku.ca/registrar/toolkit/forms>). The University may, at its discretion, request more detailed documentation in certain cases. If you are unable to write a scheduled examination due to an incapacitating medical condition, you must follow the process set out in the Faculty Handbook III:9.4.1.
- c) If you are experiencing mental health concerns, resources can be found [here](#).
- d) Information regarding the Student Wellness and Accessibility Centre can be found [here](#).
- e) If you require academic accommodation on religious grounds, you should make a formal, written request to your instructor(s) for alternative dates and/or means of satisfying requirements. Such requests should be made during the first two weeks of any given academic term, or as soon as possible after a need for accommodation is known to exist.
- f) Information regarding Human Rights and Equity can be found [here](#).

COVID 19:

All students are expected to comply with Brock Covid-19 policies. Information can be found [here](#).