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Fall 9-1-2018

## PHSX 499.01: Senior Capstone Seminar

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# PHSX 499: Senior Capstone Seminar Autumn 2018

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Supervisor: Paul Janzen

Office: CHCB 121

Office hours: M 1:00 - 3:00, W 10:00 - 12:00, F 2:00 - 3:00, and by appointment

Phone: 243-2374

Email: paul.janzen@umontana.edu

Seminars: Friday 3:10 - 4:00 in CHCB 231

Practice Seminars: TBD

Credits: 1

## Overview

The goal of this class is to develop your ability to make an oral presentation of physics or astronomy research. You will also practise giving feedback to someone else giving a talk.

## Learning Objectives

After completing this course, you should:

- be able to give a talk on your research with an appropriate and descriptive abstract, at a level appropriate for your audience. The talk should convey information in an interesting manner.
- be able to provide constructive feedback on your peers' talks that helps improve their talks, that highlights areas that need further explanation, and that does not make them cry.

## Presentations

Each student is required to give a 50-minute presentation (including time for questions) on physics or astronomy research the student has conducted. The research can be undertaken in a number of forms, as will be explained in the first meeting. In addition, each student will give a practice talk the week of her/his seminar and receive feedback from the supervisor and other students.

## Attending Presentations

Each student is required to give feedback to at least **four** other students when the other students give practice talks. Practice talks will normally be given earlier in the week before the seminar, at a time TBD. Please be aware of this when planning your weekly schedules. If your schedule presents a problem such that you will not be able to make four practice talks, let me know.

In addition, students are *required* to attend at least **six** Friday seminars, and are further *encouraged* to attend all seminars, in support of your classmates.

## Available Autumn Seminar Dates

September 28   October 19   November 16

October 5      October 26    November 23  
October 12    November 2    December 7

(Spring semester has 8+ seminar slots as well.)

## Grading

Credit is based on the completion of the requirements.  
This course can be taken for credit/no-credit only.

*Students may use Cyberbear to drop courses through the first 15 instructional days of the semester. Beginning the 16th instructional day of the semester through the 45th instructional day, students use paper forms to drop, add and make changes of section, grading option or credit. PHSX 499 can be taken only as credit/no-credit.*

*All students must practise academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at <http://www.umt.edu/student-affairs/dean-of-students/default.php>*

*Students with disabilities may request reasonable modifications by contacting me. The University of Montana assures equal access to instruction for students with disabilities in collaboration with instructors and Disability Services for Students, which is located in Lommasson Center 154. The University does not permit fundamental alterations of academic standards or retroactive modifications.*

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*Paul Janzen 2018-08-24*