

Syllabus for PHYS 659, PHYS 699, and PHYS 799

Course Title: PHYS 659=Special Topics:Research
PHYS 699=Masters Thesis
PHYS 799=Doctoral Thesis

credit hours: varies
semester" can be fall, spring or summer
course location: tbd depending on research activity

Instructor: David Hedin, FW224, 815-753-6483, hedin@niu.edu
Method of Communication: We will primarily communicate in person using English. We will also communicate via phone and e-mail but not by text messages.
Office Hours: tbd depending on research activity but will be usually one or more in person discussions per week

Course description: The student will be actively involved in one or more of my current research activities in particle physics

Intended Learning Outcomes: The student will become familiar with the techniques used for the research project at hand and the underlying science, and will make contributions to the project as directed by the instructor. This includes making oral and written reports as needed. For MS and PhD students in 699 and 799, an additional outcome is progress on their thesis.

Student Assessment and Grading: Student's will be assessed by the quality of their contribution to the research effort including progress on assigned tasks within the project with a realization that tasks may not be completed by the term's end due to circumstances not within the student's control as these projects are R&D in nature. Student's will be expected to make periodic reports on their efforts to the instructor and, if applicable, to the larger collaborative group.