

Assessment Scheme of Senior Project I (PHYS4610)

Summary on Key Features:

- Each project is assessed by project supervisor (co-supervisors) plus two additional examiners.
- Project (co-)supervisor(s) makes (make) continuous assessment on the student's performance throughout the project work. The continuous assessment by (co-)supervisor(s) accounts for 60% of the total marks.
- Additional examiners grade the project at the end of Term. The end of term assessment made by two additional examiners accounts for 40% of the total marks.
- The two parts of assessment add up to a score out of a total of 100.
- A final grade is assigned according to the total score with reference to a pre-set mapping between total score and final grade. The mapping is designed to match the grade descriptors of the course as much as possible.
- Feedback from (co-)supervisor(s) and additional examiners will be given to students to encourage learning.

Continuous Assessment by Project Supervisor/Co-supervisors (60%)

- Project supervisor observes the student's progress as the project proceeds.
- Project supervisor gives a continuous assessment score on the student's performance during the course of the project up to 60% of the total mark.
- For co-supervised project, the co-supervisors collectively give a score up to 60%.
- The assessment broadly includes all elements of project learning. This is meant to be an assessment on the attainment of a basket of skills related to project learning. Examples are:
 - Eagerness to learn
 - Ability to learn independently and, if applicable, to learn and work in a team
 - Reading and understanding literature
 - Reporting progress to supervisor regularly
 - Performance on hands-on parts, e.g. handling equipment, preparing samples, making measurements, doing derivations, writing programs, collecting data
 - Analyzing data and summarizing results

- Carrying out meaningful discussions with supervisor and/or in group meetings
- Time-management skill (making progress on schedule)
- Drafting progress and/or project report
- Preparing oral presentation(s)

End of Term Assessment by Additional Examiners (40%)

- End of Term Assessment consists of two elements: A written project report and an oral presentation.
- An individual project report written in English should be submitted by a specified date, which will be announced in the early weeks of the Term.
- Student gives a 20-minute oral presentation, plus 10 minutes Q&A. Presentations will generally be arranged by the department according to the schedule of the supervisors and examiners.
- Two additional examiners and the project (co-)supervisor(s) should attend the oral presentation. They form the panel that assesses the project, including continuous and end of term assessment. The additional examiners will be assigned by the Department. The Department may consult project supervisor on suggestions on additional examiners.
- Based on the quality of the written report and the performance in the oral presentation, each additional examiner in the panel will independently give a score. Collectively, their scores account for up to 40% of the total mark.

Grade Assignment

A grade will be assigned as below based on the actual score after adding up the two components from the (co-)supervisor(s) and the additional examiners.

Score	Grade
93 – 100	A
85 – 92	A-
77 – 84	B+
69 – 76	B
61 – 68	B-
56 – 60	C+
51 – 55	C
46 – 50	C-
41 – 45	D+
36 – 40	D
Below 35	F

Feedback to Student

- To help students learn, feedback the student performance by the (co-)supervisor(s) and additional examiners will be given to students after project grades are finalized.

Remarks:

- The same assessment scheme will be applied to **Senior Project II (PHYS4620)**.
 - The scheme gives students a chance to perform and to report their work in detail to the panel. It thus serves to provide a fair assessment on various aspects of project learning.
 - The assessment scheme was discussed and endorsed by the Physics Department Board in June 2015.
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