

From: [Neff, Jennifer](#)
To: [Thaler, Lindsey](#); [Humanic, Thomas](#); [Cochran, Geraldine](#)
Cc: [Hamilton, Ian](#); [Vankeerbergen, Bernadette](#); [Steele, Rachel](#); [Hilty, Michael](#)
Subject: Physics 1248 & 1249
Date: Tuesday, February 13, 2024 10:20:00 AM
Attachments: [Physics 1248_1249 NMS Feedback 1-31-24.docx](#)
[image001.png](#)

Good morning,

On Wednesday, January 31st, the Natural and Mathematical Sciences Subcommittee of the ASC Curriculum Committee reviewed new course proposals for Physics 1248 & 1249.

The Subcommittee did not vote on the proposals as they would like the points pasted at the bottom of this email addressed. Given the length of the feedback, I have also attached it as a separate word document for your convenience.

I will return the courses to the department queue via curriculum.osu.edu in order to address the Subcommittee's requests.

Should you have any questions about the feedback of the Subcommittee, please feel free to contact Ian Hamilton (faculty Chair of the NMS Subcommittee; cc'd on this e-mail), or me.

Best,
Jennifer



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Pronouns: she/her/hers

Physics 1248 & 1249: feedback:

- 1248 only: The Subcommittee requests that the department include the GEN Foundation Natural Sciences Goals with the ELOs listed in the syllabus on page 4. The GEN goals can be found in an easy to copy/paste format on the [Arts and Sciences Curriculum and Assessment Services website](#).
- 1248 only: The Subcommittee asks that the GE rationale for Natural Sciences ELO 1.3 from the GE submission form be added to the syllabus, as it is a great explanation for the course for the Foundation category and would be informative to students.
- 1248 only: the Subcommittee notices that lecture participation is said to be worth up to 3% of extra credit in the description, but only 2% in the chart, and asks the department to correct this discrepancy. The Subcommittee also asks for more information regarding how extra

credit for the design practicals will be assessed, how much can be earned, and how it will be added to the unit exam grade, since the unit exams are only worth 14% of the grade each. If a student receives a 100% on an exam and earns extra credit from the practical, will they be allowed to go over a 100%, making that exam worth more than 14% of the final grade?

[Syllabus p. 2-3]

- 1248 only: The Subcommittee asks that the department include information in the syllabus regarding whether the design practicals will be graded by a group submission or an individual submission that follows group work. [Syllabus p. 2]
- 1248 only: The Subcommittee asks for clarification in the syllabus addressing whether the homework will be assigned in a way that forces students to work on the weekend or if assignments will be open for completion during the week. [Syllabus p. 2]
- 1249 only: The Subcommittee notices that a recitation grade (workshop) is mentioned in the descriptions of course assignments but is not listed under course format or in the grade breakdown table. Assuming that recitation is not an aspect of this course, the Subcommittee requests that the department remove this reference, especially since it pushes the total grade to 120%. [Syllabus p. 2]
- 1249 only: The Subcommittee requests that the department remove the GE rationale document that is present in curriculum.osu.edu since they have removed the GE request.
- 1248 and 1249: The Subcommittee notices that the course descriptions in both syllabi *and* both forms in curriculum.osu.edu incorporate Physics 1250 a great deal rather than explaining 1248/1249 as individual courses. Perhaps it would be appropriate to instead include a sentence or two following the descriptions stating that the courses, when combined, are equivalent to 1250, allowing the description to focus solely on the contents of the courses independently. Additionally, the Subcommittee encourages the department to reword the phrase “slower pace” in the course descriptions on the curriculum.osu.edu forms, as it may have negative connotations to students regarding their aptitudes compared to their peers taking Physics 1250. The Subcommittee asks that the department use the course descriptions to highlight the positive implications of the courses, emphasizing that each will focus more deeply on less content to allow students to develop a fuller comprehension of the material. The Subcommittee would like to emphasize the importance of addressing these concerns in curriculum.osu as students will see that description in the course search.
- 1248 and 1249: The Subcommittee requests that the department clarify the format of the courses, specifically what is meant by the term “interactive lectures”. This reference, along with only stating that labs will be in-person, is confusing language given that the course is entirely in-person. This hints that the course may be offered as a mix of in-person and online delivery, in which case the Subcommittee would need specification of which components are in-person and which are at a distance. Depending on this ratio, the courses may need reviewed for distance learning. Ohio State Distance Education Definitions can be found on the [Administrative Resource Center website](#). [P. 1 of both syllabi]
- 1248 and 1249: The Subcommittee asks that the total grade for each course add to 100%. Extra credit can certainly still be available, but the Subcommittee requests that the department include it separately from the grade weight table, perhaps as a statement beneath that explains how much extra credit is available and how it is awarded.
- 1248 and 1249: For the purpose of conciseness, the Subcommittee requests that the department remove Math 1140 as a prerequisite on the form in curriculum.osu.edu for 1248

(since it is already a prerequisite for Math 1141) and remove the math prerequisites altogether for 1249 (since students will have already met them before taking 1248). Additionally, the Subcommittee requests that the prerequisites listed in the 1248 syllabus reflect those on the form, as they currently are only listed in terms of math placement level, and that the math prerequisites be removed completely from the 1249 syllabus. [P. 1 of both syllabi]

- 1248 and 1249: The Subcommittee asks that the department include a credit hour expectation statement in the syllabus.