

**From:** [Neff, Jennifer](#)  
**To:** [Cochran, Geraldine](#); [Gramila, Thomas](#); [Humanic, Thomas J.](#); [Thaler, Lindsey](#)  
**Cc:** [Hamilton, Ian](#); [Vankeerbergen, Bernadette](#); [Steele, Rachel](#); [Hilty, Michael](#)  
**Subject:** Physics 1248 & 1249  
**Date:** Monday, April 15, 2024 9:33:00 AM  
**Attachments:** [image001.png](#)

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Good morning,

On Wednesday, April 3<sup>rd</sup>, the Natural and Mathematical Sciences Subcommittee of the ASC Curriculum Committee reviewed new course proposal revisions for Physics 1248 & 1249. Please find below the Subcommittee's feedback for these courses.

- Physics 1248
  - **Contingency:** The Arts and Sciences Curriculum Committee recently (03-01-2024) updated the list of required syllabus statements for all syllabi to include a new statement on religious accommodations. The new version of this required statement is a result of a directive by the Executive Vice President and Provost and can be found here on the [ASC Curriculum and Assessment Services website](#). Please note that the link to religious holidays, holy days and observances at the end of the statement is also required to be included in the syllabus. The Subcommittee thanks you for adding this revised statement to your course syllabus. [Syllabus p. 5-6]
  - **Recommendation:** The Subcommittee wonders if the prerequisite Math 1050 (Precollege Mathematics I) was intended to be Math 1150 (Precalculus) or even Math 1148 (College Algebra). Math 1050 is not at the same level as the other possible prerequisites for the course, Math 1120 & 1121 (Precalculus with Review I & II), and based on the rigor of the course it is unlikely that a student at the level of Math 1050 would be successful. If this was not simply a mistake, the Subcommittee strongly recommends that the department consider adjusting this prerequisite. Along those lines, the Subcommittee recommends that the department include the applicable math placement level as well as "or higher" following the list of the prerequisite courses in the syllabus and on the form in curriculum.osu.edu (e.g., Math 1150, 1120, 1121, or higher OR Math Placement Level L). To clarify, if the department decides to list Math 1150 as a prerequisite, the proper math placement level is L as placement level N only makes a student eligible to *enroll* in Math 1150 and does not place them above it. If the department decides to list Math 1148 as a prerequisite, the proper math placement level is M for the same reason. For more information regarding Math course and placement levels, please see the [Math Course Progression page](#) and the [Interpreting Placement Test Results page](#) on the Department of Mathematics website. [Syllabus p. 1 and submission form]
  - **Recommendation:** Based on the calculations of the Subcommittee, it seems that the credit hour statement on the first page of the syllabus is slightly off—the statement should reflect that students can expect to spend approximately 7 hours per week on out-of-classroom work rather than 6.
  - **Recommendation:** The Subcommittee recommends that the department include a technology statement in the syllabus, listing the technology and software required of

the course.

- Physics 1249
  - **Contingency:** The Arts and Sciences Curriculum Committee recently (03-01-2024) updated the list of required syllabus statements for all syllabi to include a new statement on religious accommodations. The new version of this required statement is a result of a directive by the Executive Vice President and Provost and can be found here on the [ASC Curriculum and Assessment Services website](#). Please note that the link to religious holidays, holy days and observances at the end of the statement is also required to be included in the syllabus. The Subcommittee thanks you for adding this revised statement to your course syllabus. [Syllabus p. 4]
  - *Recommendation:* The Subcommittee notes that the prerequisites for the course have not been updated in the syllabus and recommends that the department match the prerequisites in the final syllabus with those listed on the submission form. However, the same situation regarding the prerequisite Math 1050 applies here as with Physics 1248—The Subcommittee wonders if the prerequisite Math 1050 (Precollege Mathematics I) was intended to be Math 1150 (Precalculus) or even Math 1148 (College Algebra). Math 1050 is not at the same level as Math 1120 & 1121 (Precalculus with Review I & II) and based on the rigor of the course, it is unlikely that a student at the level of Math 1050 would be successful. If this was not simply a mistake, the Subcommittee strongly recommends that the department consider adjusting this prerequisite. Along those lines, the Subcommittee recommends that the department include the applicable math placement level as well as “or higher” following the list of the prerequisite courses in the syllabus and on the form in curriculum.osu (e.g., Math 1150, 1120, 1121, or higher OR Math Placement Level L). If the department decides to list 1150 as a prerequisite, the proper math placement level is L, as placement level N only makes a student eligible to *enroll* in Math 1150 and does not place them above it. If the department decides to list Math 1148 as a prerequisite, the proper math placement level is M for the same reason. For more information regarding Math course and placement levels, please see the [Math Course Progression page](#) and the [Interpreting Placement Test Results page](#) on the Department of Mathematics website.
  - *Recommendation:* Based on the calculations of the Subcommittee, it seems that the credit hour statement on the first page of the syllabus is slightly off—the statement should reflect that students can expect to spend approximately 5 hours per week on out-of-classroom work rather than 4.
  - *Recommendation:* The Subcommittee recommends that the department include a technology statement in the syllabus, listing the technology and software required of the course.

As a reminder, **contingencies** (in bold above) must be addressed and resubmitted via curriculum.osu.edu before a course can move forward in the approval process. *Recommendations* (in italics above) should be implemented when the course is next taught.

I will return Physics 1248 & 1249 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