



#	Student Learning Outcomes	Curriculum Mapping	Assessment Methods
<p>What do the program faculty expect all students to know or be able to do as a result of completing this program?</p> <p>Note: These should be measurable and manageable in number (typically 4-6 are sufficient).</p>	<p>In which courses will faculty intentionally work to foster some level of student development toward achievement of the outcome? Please clarify the level at which student development is expected in each course (e.g., introduced, developed, reinforced, achieved, etc.).</p>	<p>Evaluation Process (How)</p> <ol style="list-style-type: none"> <li>1. What process will be used to evaluate the artifacts, and by whom?</li> <li>2.</li> </ol>	

2 Students wi

Students will collaborate effectively on teams.	Group projects in Modern Physics Lab, Analog and Digital Electronics, Optics Lab.	Student performance on specific assignments in listed courses assessed by course instructor	In annual department meetings assessment results at individual level and in aggregate, corrective action for
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			according outcome specific rubric listed below.	weaknesses in student attainment, and impact of previous corrective actions are discussed.
4	Students will communicate effectively and professionally in oral and written formats	Research presentation; written and oral presentations are assigned in Modern Physics I&II, Optics Lab, Nanoscience Frontiers, Applications of Quantum Mechanics	Student performance on specific assignments in listed courses	

Academic Year	Student Outcomes Assessed
2020/2021	1,2,3
2021/2022	4,5,6

2. Describe how, and the extent to which, program faculty contributed to the development of this plan.

**The program faculty collectively developed the outcome-specific rubrics.**

**IMPORTANT:** Please remember to submit any rubrics or other assessment tools along with this plan.