

Date: 7/18/2023

Program Name: Physics, BS

CIP Code: 40.0801

Department: Physics

Domain	Program-Level Student Learning Outcome (From ALC or ALP)	CIP Code: 40.0801				
		Year 1	Year 2	Year 3	Year 4	Year 5
		2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
Content	State and explain the basic laws of the different branches of physics.	<b>Improvement Plan:</b> Implement improvement plan and interventions.	<b>Follow-Up Assessment - Data Collection:</b> Assess exam data that reinforce content knowledge from exams from core required upper level courses that reinforce content knowledge to assess improvement from year 1.			<b>Data Collection:</b> Gather baseline data in courses that introduce content knowledge from exams and baseline data from core required upper level courses that reinforce content knowledge
Critical Thinking	Analyze a problem or situation and apply logical thinking, along with mathematical analysis, to the solution of the problem.		<b>Data Collection:</b> Gather baseline data in courses that introduce critical thinking using exams or quizzes	<b>Improvement Plan:</b> Implement improvement plan and interventions.	<b>Follow-Up Assessment - Data Collection:</b> Assess exam data that reinforce content knowledge from exams from core required upper level courses that reinforce critical thinking to assess improvement from year 2.	
Communication	Express the knowledge gained from the program in discussion, through written reports, and through presentations.			<b>Data Collection:</b> Gather baseline data from courses that require paper report or presentation. Use rubric to assess baseline performance.	<b>Improvement Plan:</b> Implement improvement plan and interventions.	<b>Follow-Up Assessment - Data Collection:</b> Assess communication performance using rubric from courses that require paper report or presentation.
Integrity / Values	Maintain a strict code of conduct in presentation of results and by providing appropriate references for work cited and used.			<b>Data Collection:</b> Gather baseline data from courses that require paper report or presentation. Use rubric to assess performance.	<b>Improvement Plan:</b> Implement improvement plan and interventions.	<b>Follow-Up Assessment - Data Collection:</b> Assess performance using rubric from courses that require paper report or presentation.