

Date: 7/18/2023

Program Name: Physics, BA

CIP Code: 40.0801

Department: Physics

| Domain | Program-Level Student Learning Outcome (From ALC or ALP) | 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. | Improvement Plan: Implement improvement plan and interventions. | Follow-Up Assessment - Data Collection: 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. | | | Data Collection: 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. | | Data Collection: Gather baseline data in courses that introduce critical thinking using exams or quizzes | Improvement Plan: Implement improvement plan and interventions. | Follow-Up Assessment - Data Collection: 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. | | | Data Collection: Gather baseline data from courses that require paper report or presentation. Use rubric to assess baseline performance. | Improvement Plan: Implement improvement plan and interventions. | Follow-Up Assessment - Data Collection: 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. | | | Data Collection: Gather baseline data from courses that require paper report or presentation. Use rubric to assess performance. | Improvement Plan: Implement improvement plan and interventions. | Follow-Up Assessment - Data Collection: Assess performance using rubric from courses that require paper report or presentation. |

