

Assessment Cycle:

Department Learning Goal 1: Demonstrate an understanding of physical phenomena and the models that describe them.

Direct Assessment: Capstone Rubric (See Appendix A)

Indirect Assessment: Exit Survey Question 6 (See Appendix F)

Assessment Years: 2020, 2025, 2030

Department Learning Goal 2: Apply the analytical, numerical, and computational skills necessary to solve complex problems in physics.

Direct Assessment: PHYS 4XX Rubric (See Appendix B)

Indirect Assessment: Exit Survey Question 7 (See Appendix F)

Assessment Years: 2021, 2026, 2031

Department Learning Goal 3: Apply the technical skills necessary to design and complete laboratory projects in physics.

Direct Assessment: PHYS 340 Rubric (See Appendix C)

Indirect Assessment: Exit Survey Question 8 (See Appendix F)

Assessment Years: 2022, 2027, 2032

Department Learning Goal 4: Present scientific information clearly, logically, and critically, both orally and in writing.

Direct Assessment: Communication Rubric (See Appendix D)

Indirect Assessment: Exit Survey Question 9 (See Appendix F)

Assessment Years: 2023, 2028, 2033

Department Learning Goal 5: Apply the professional skills necessary to complete scientific work both independently and collaboratively.

Direct Assessment: Departmental Conversation, LG5 Rubric (See Appendix E)

Indirect Assessment: Exit Survey Question 10 (See Appendix F)

Assessment Years: 2024, 2029, 2034