Program-Level Assessment: Annual Report

Program Name (no acronyms): Physics BS

Department: Physics

Degree or Certificate Level: BS

College/School: SSE

Date (Month/Year): August 19th, 2022

Primary Assessment Contact: Dr. Irma Kuljanishvili

Additional contact: Dr. David S Wisbey

In what year was the data upon which this report is based collected? 2021/2022

In what year was the program's assessment plan moha3e (s)-4.4 (e)-5.9 (d)-2.8 (c)5.9 (o)-9.6 (.8 (o)-9.6 (.8.D3e (s)-updated? 2020

1. Student Learning Outcomes

   Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please list the full, complete learning outcome statements and not just numbers, e.g., Outcomes 1 and 2.)

In accordance with the schedule set by the assessment plan the following three outcomes were assessed:
In 2021/2022, items 4, 5, & 6 were assessed (see Appendix 2 for more detailed description of Outcomes 1-6).

Outcome 4. Students will communicate effectively and professionally in oral and written formats
Outcome 5. Students will be able to discuss contemporary issues in science and technology
Outcome 6. Students will be able to formulate numerically and solve scientific problems utilizing at least one

2. Assessment Metho [c TJ H‰ŒEWÉn G ½ÏWÔ' xZÓ³5'0 H¶ 1"À ø û0 IQ Eò›*¥Ìþ%1Æ Physics Faculty ¥Çt 0'ušÑ•+¨7/

June 10, 2021 for Annual Assessment meeting. Each Faculty provided feedback based on each faculty observations

and their evaluations of students artifacts such as tests, term papers, oral presentations. Evaluations were rank
specific Learning Outcome and approved rubric.
Rubric is provided in Appendix 1.
Summary of the data is provided in Appendix 2.

4. Data/Results

What were the results of the assessment of the learning out-3.2 (r)-2.8 (n)-0i-2.8/ (as)-1.3 (t)7d as tdmt.217 TD.3 (t)-3r

C. What were the findings of the assessment?

In the fall 2021/ spring 2022 assessment year we have found that students in the program may benefit from increased exposure to scientific programming.

D. How do you plan to (continue to) use this information moving forward?

able to formulate numerically and solve scientific problems utilizing at least one programing language or environment	formulate a scientific pr.6 (rm)-ot(.6r)11 (.6 (iliz)-s003 T(sc)-0.9 (i)]TJ -0.001 Tc 032 Tm [(a)3 (b)-2.1 (l)8 n)0.9

	Average:3.36